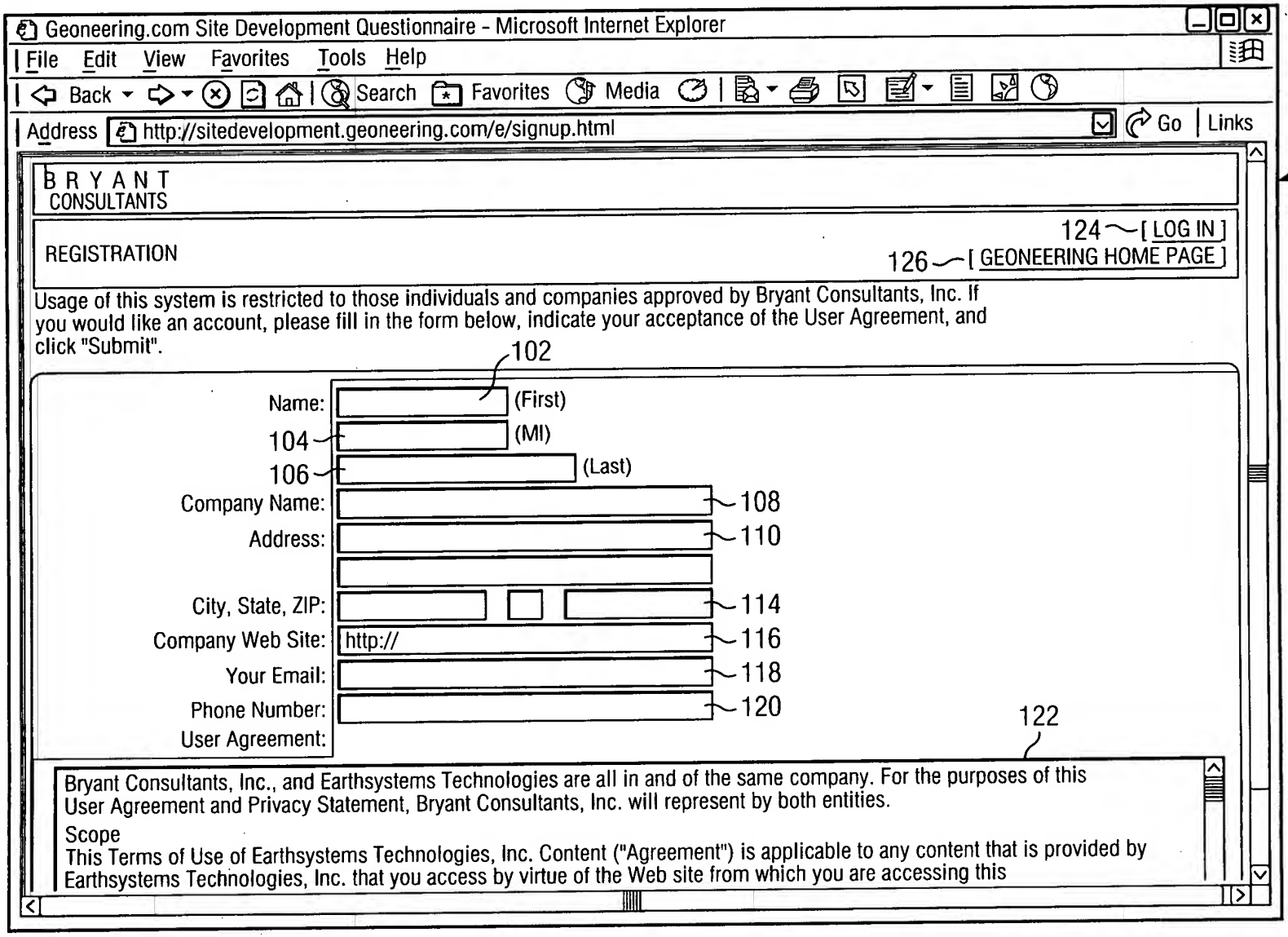


FIG. 1

REPLACEMENT SHEET

18634.0111

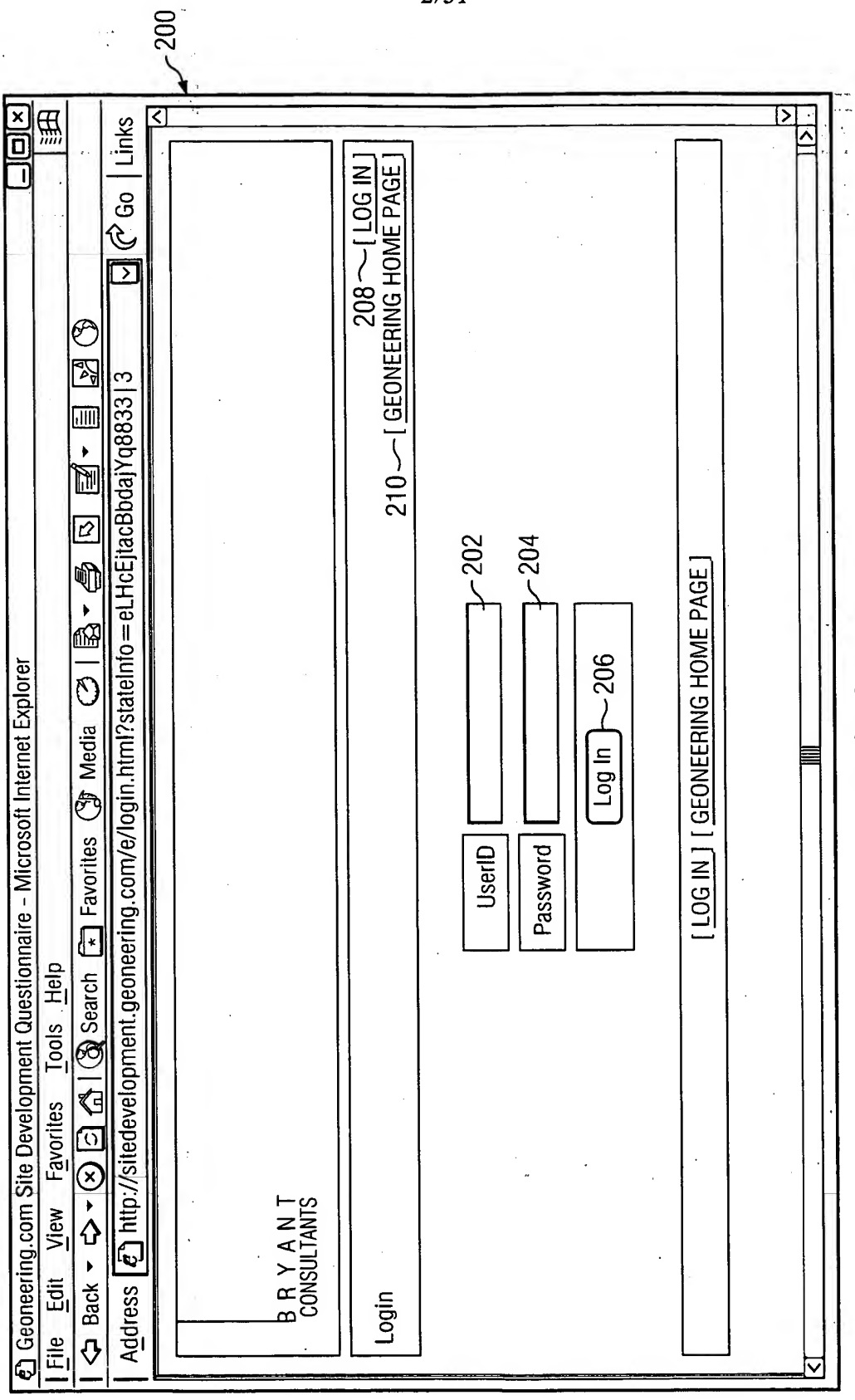

200
Geoneering.com Site Development Questionnaire - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/login.html?stateInfo=eLHcEjtacBbdajYq8833|3
Links
Go
BRYANT
CONSULTANTS
Login
208 [LOG IN]
210 [GEONEERING HOME PAGE]
UserID
202
Password
204
Log In
206
[LOG IN] [GEONEERING HOME PAGE]

FIG. 2

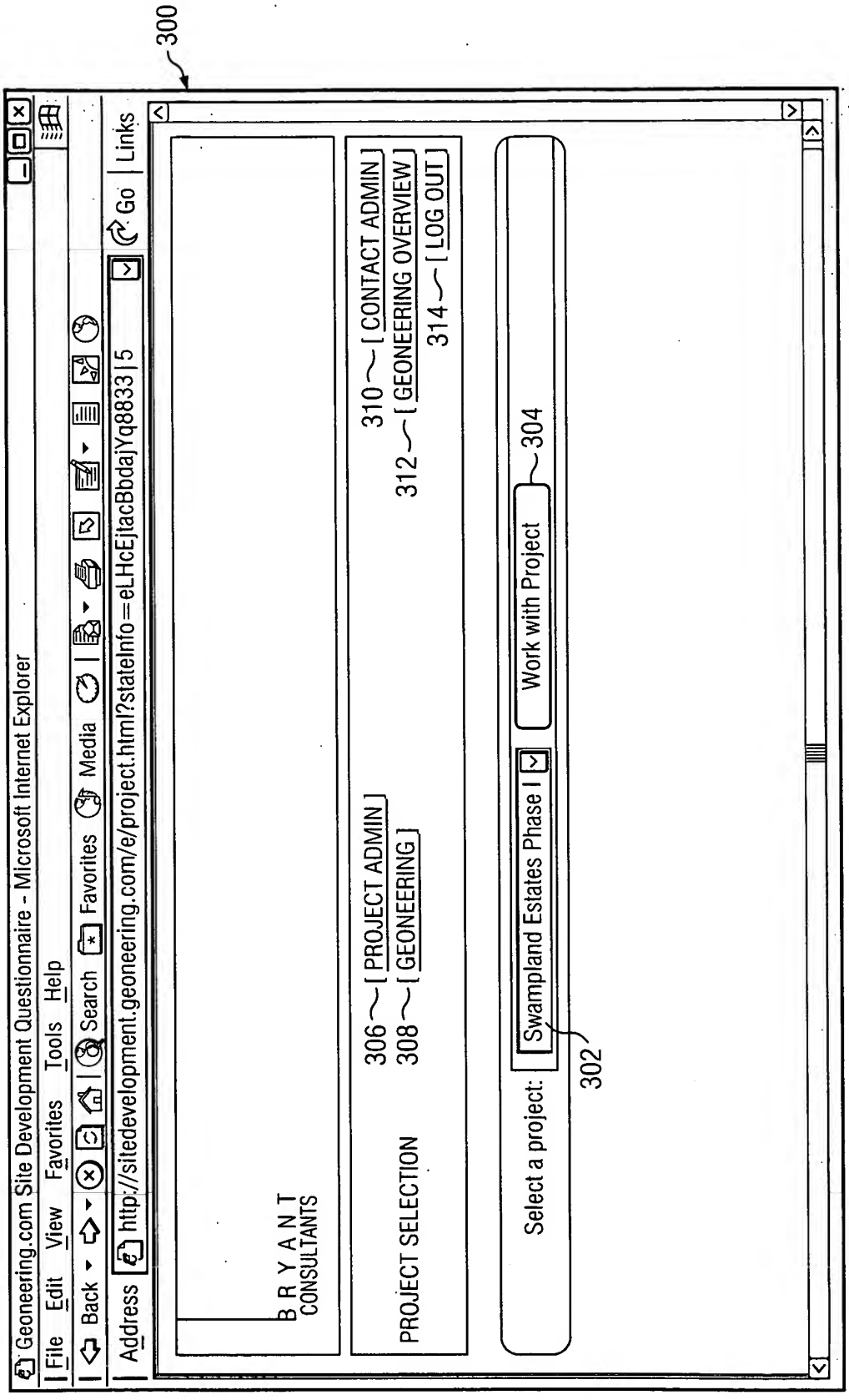

300
Geoneering.com Site Development Questionnaire - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/project.html?stateInfo=eLHcEjtacBbdajYq8833|5
Go Links
B R Y A N T
CONSULTANTS
PROJECT SELECTION
306 [PROJECT ADMIN]
308 [GEONEERING]
310 [CONTACT ADMIN]
312 [GEONEERING OVERVIEW]
314 [LOG OUT]
Select a project:
Swampland Estates Phase I
Work with Project
304
302

FIG. 3

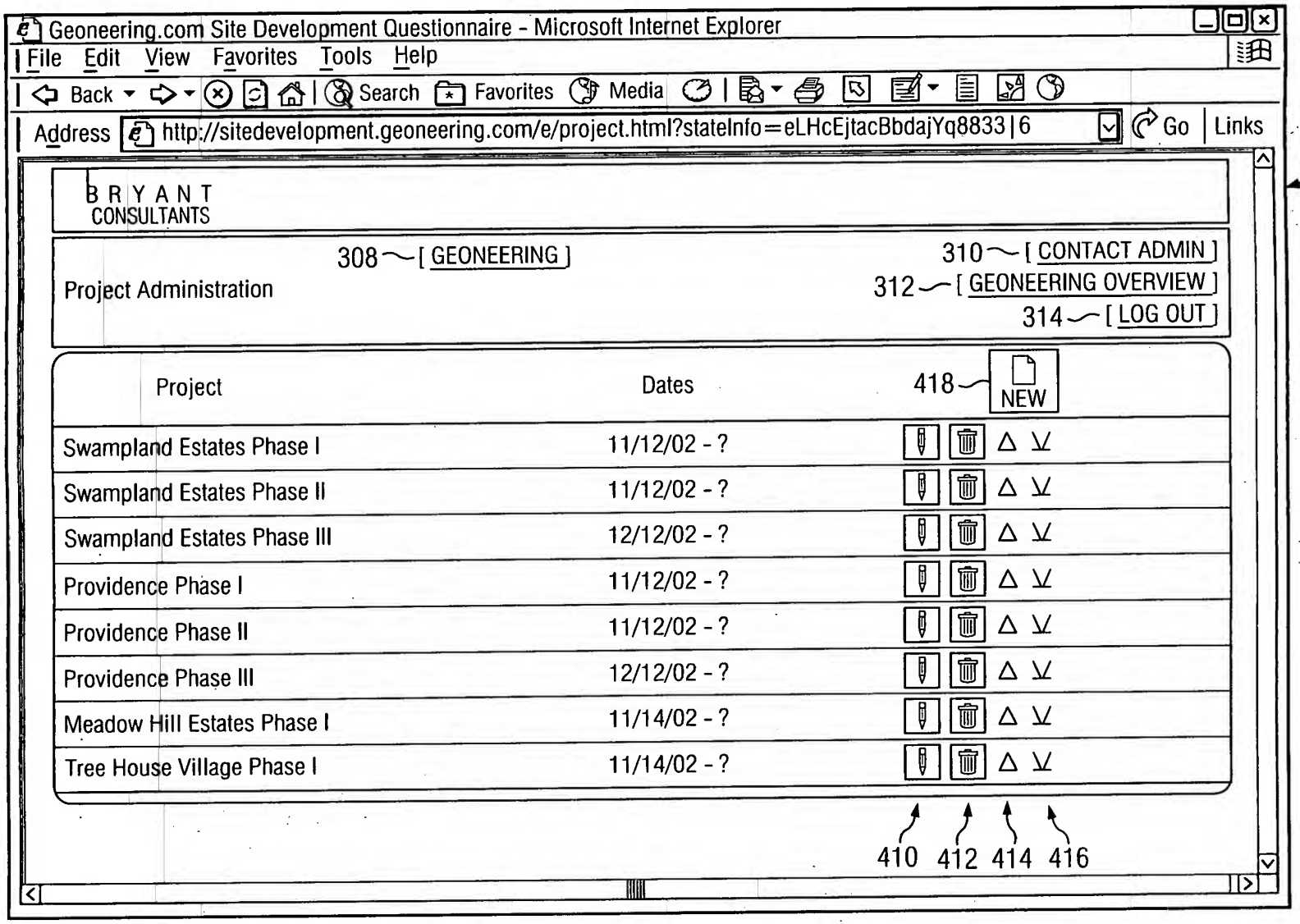

Geoneering.com Site Development Questionnaire - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/project.html?stateInfo=eLHcEjtacBbdajYq8833|6
Go Links
400
BRYANT CONSULTANTS
308 [GEONEERING]
310 [CONTACT ADMIN]
312 [GEONEERING OVERVIEW]
314 [LOG OUT]
Project Administration
Project
Dates
418
NEW
Swampland Estates Phase I 11/12/02 - ?
Swampland Estates Phase II 11/12/02 - ?
Swampland Estates Phase III 12/12/02 - ?
Providence Phase I 11/12/02 - ?
Providence Phase II 11/12/02 - ?
Providence Phase III 12/12/02 - ?
Meadow Hill Estates Phase I 11/14/02 - ?
Tree House Village Phase I 11/14/02 - ?
410 412 414 416

FIG. 4

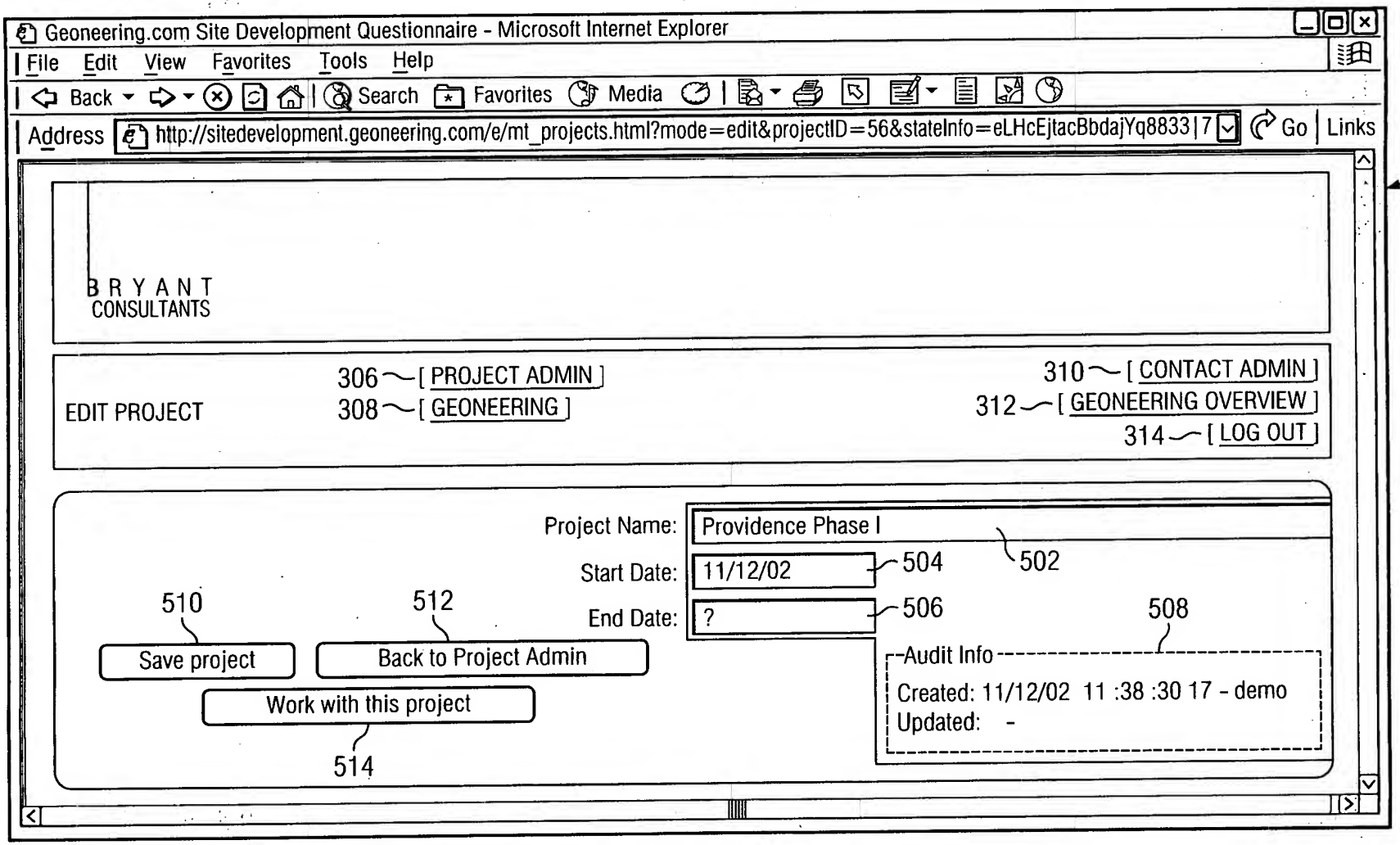
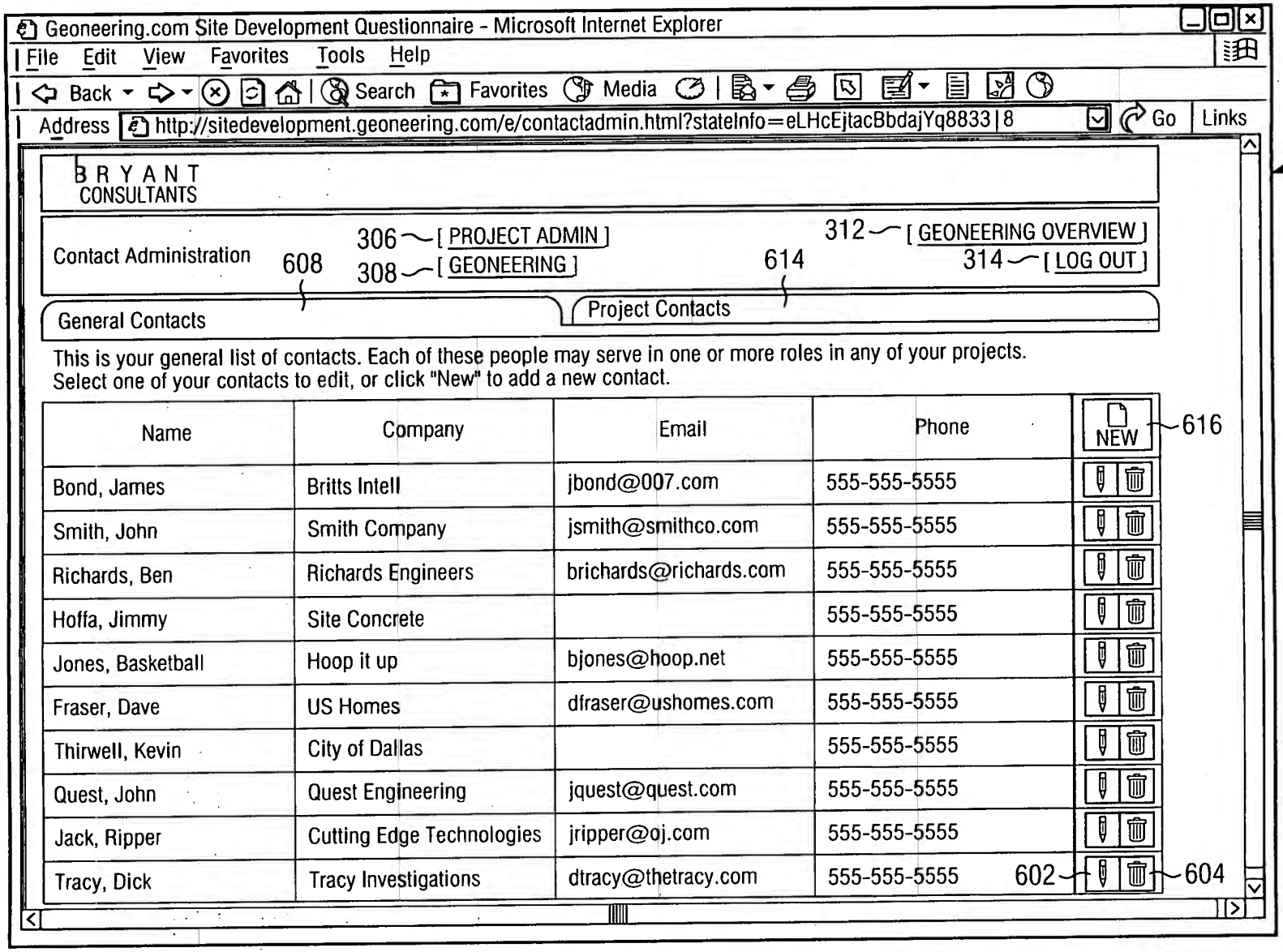

Geoneering.com Site Development Questionnaire - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/mt_projects.html?mode=edit&projectID=56&stateInfo=eLHcEjtacBbdajYq8833|7
Go Links
500
BRYANT
CONSULTANTS
EDIT PROJECT
306 [PROJECT ADMIN]
308 [GEONEERING]
310 [CONTACT ADMIN]
312 [GEONEERING OVERVIEW]
314 [LOG OUT]
Project Name: Providence Phase I
Start Date: 11/12/02
End Date: ?
502
504
506
508
Audit Info
Created: 11/12/02 11 :38 :30 17 - demo
Updated: -
510
512
Save project
Back to Project Admin
Work with this project
514

FIG. 5



Name	Company	Email	Phone
Bond, James	Britts Intell	jbond@007.com	555-555-5555
Smith, John	Smith Company	jsmith@smithco.com	555-555-5555
Richards, Ben	Richards Engineers	brichards@richards.com	555-555-5555
Hoffa, Jimmy	Site Concrete		555-555-5555
Jones, Basketball	Hoop it up	bjones@hoop.net	555-555-5555
Fraser, Dave	US Homes	dfraser@ushomes.com	555-555-5555
Thirwell, Kevin	City of Dallas		555-555-5555
Quest, John	Quest Engineering	jquest@quest.com	555-555-5555
Jack, Ripper	Cutting Edge Technologies	jripper@oj.com	555-555-5555
Tracy, Dick	Tracy Investigations	dtracy@thetracy.com	555-555-5555

FIG. 6

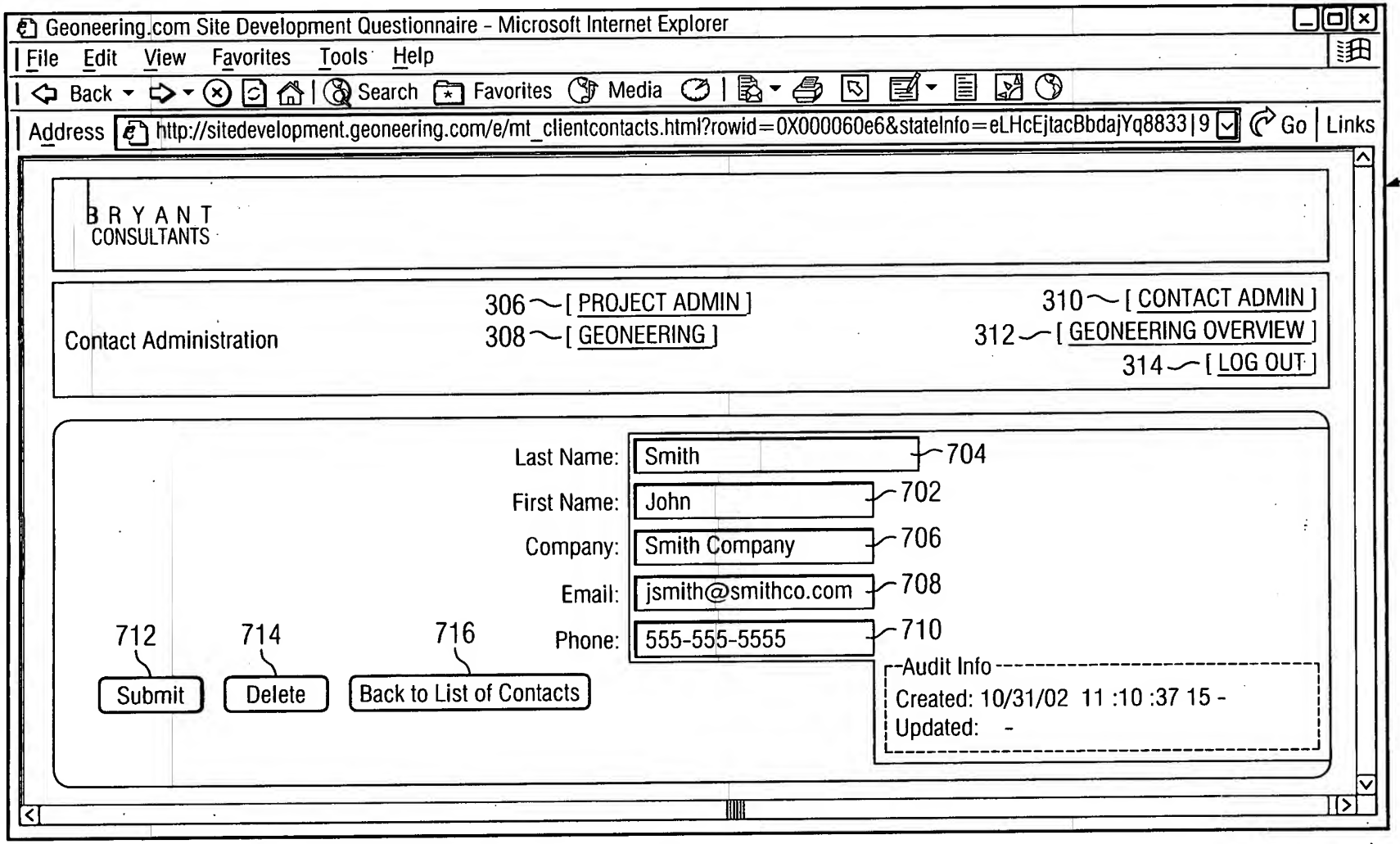

Geoneering.com Site Development Questionnaire - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/mt_clientcontacts.html?rowid=0X000060e6&stateInfo=eLHcEjtacBbdajYq8833|9
Go Links
700
BRYANT
CONSULTANTS
Contact Administration
306 [PROJECT ADMIN]
308 [GEONEERING]
310 [CONTACT ADMIN]
312 [GEONEERING OVERVIEW]
314 [LOG OUT]
Last Name: Smith 704
First Name: John 702
Company: Smith Company 706
Email: jsmith@smithco.com 708
Phone: 555-555-5555 710
712
714
716
Submit
Delete
Back to List of Contacts
Audit Info
Created: 10/31/02 11 :10 :37 15 -
Updated: -

FIG. 7

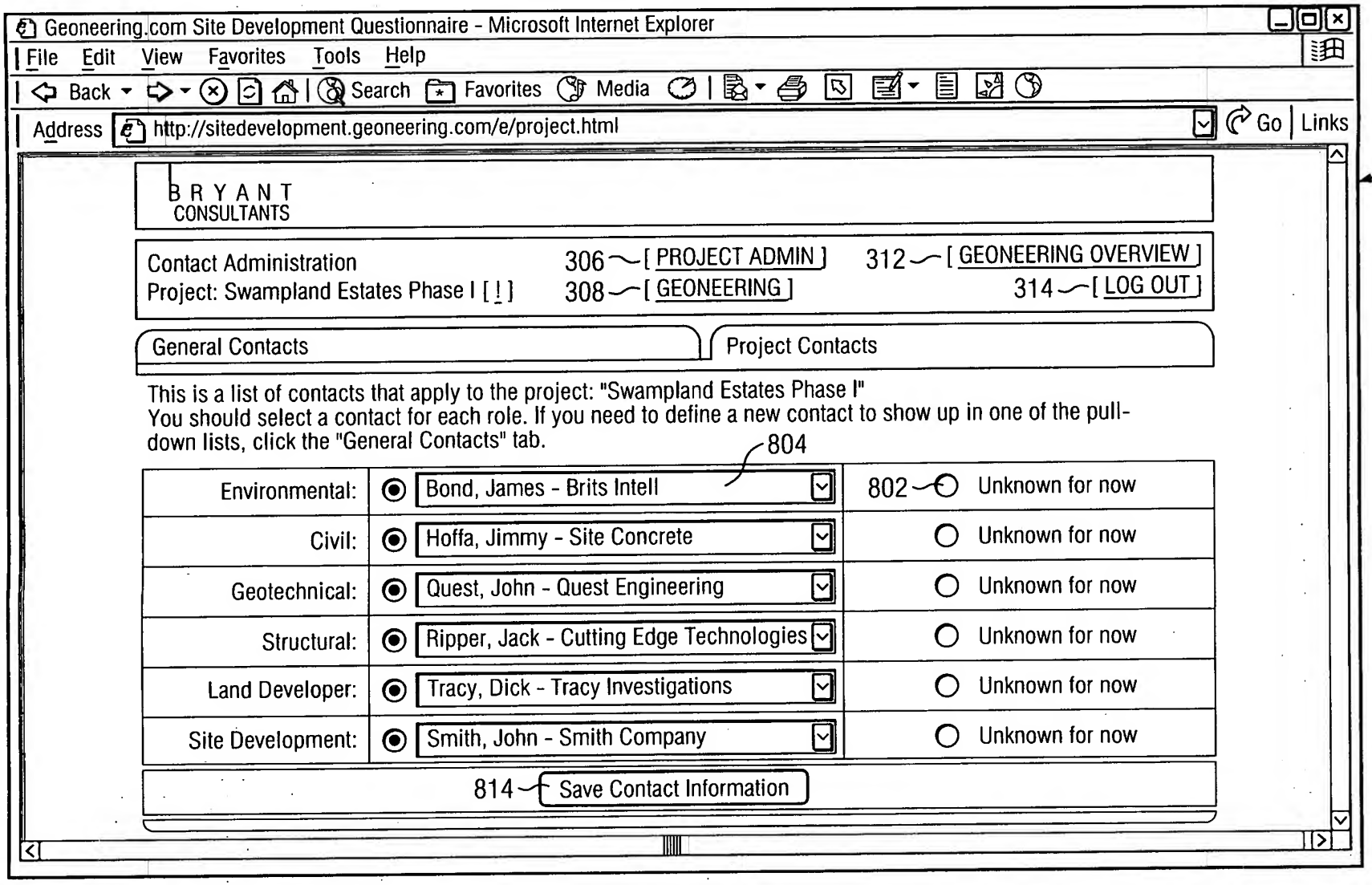


FIG. 8

18634.0111
REPLACEMENT SHEET

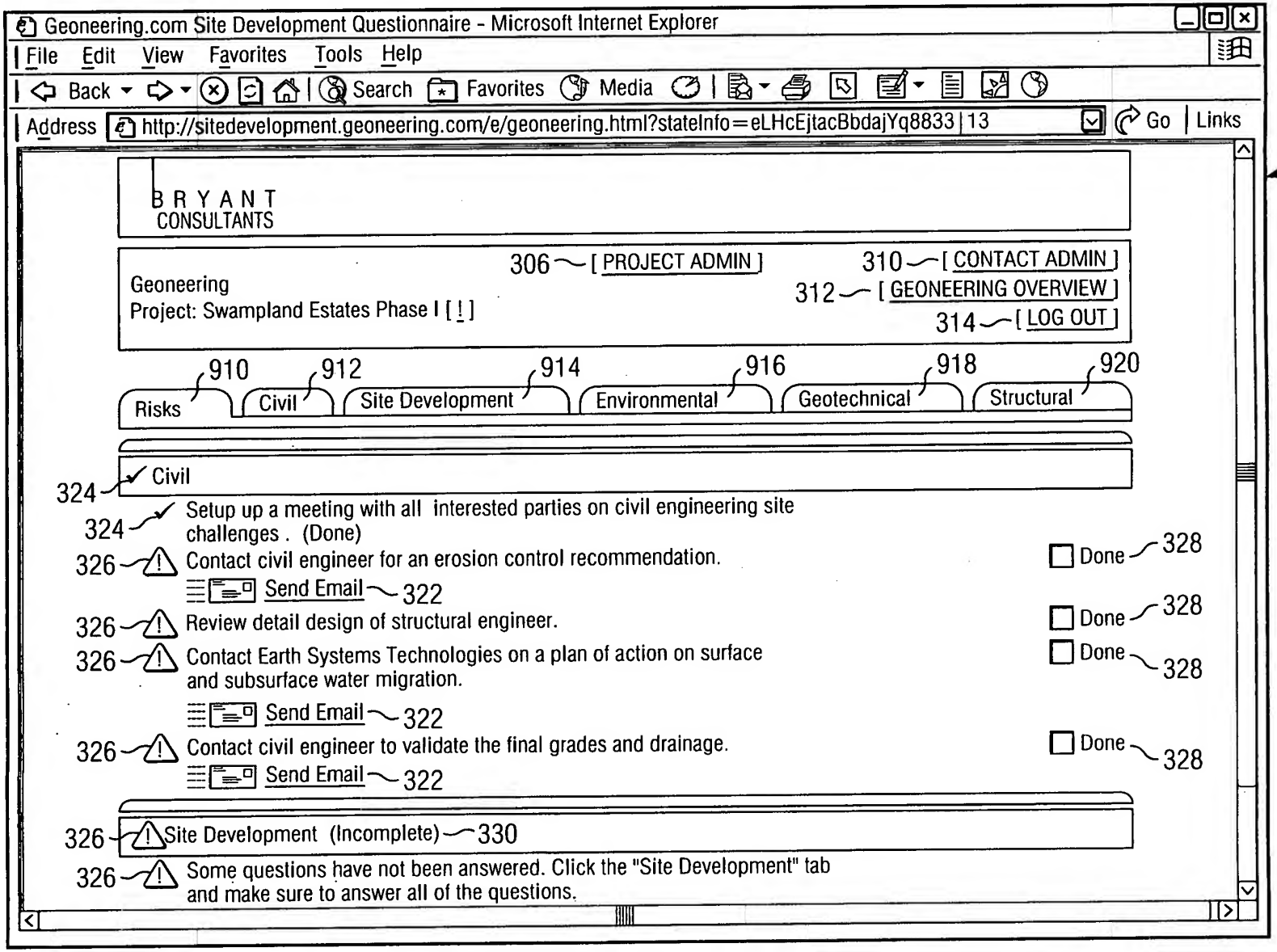

Geoneering.com Site Development Questionnaire - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/geoneering.html?stateInfo=eLHcEjtacBbdajYq8833|13
Go Links
900
BRYANT CONSULTANTS
306 [PROJECT ADMIN]
310 [CONTACT ADMIN]
Geoneering
Project: Swampland Estates Phase I [!]
312 [GEONEERING OVERVIEW]
314 [LOG OUT]
910 Risks
912 Civil
914 Site Development
916 Environmental
918 Geotechnical
920 Structural
Civil
324 Setup up a meeting with all interested parties on civil engineering site challenges . (Done)
326 Contact civil engineer for an erosion control recommendation.
Done 328
Send Email 322
326 Review detail design of structural engineer.
Done 328
326 Contact Earth Systems Technologies on a plan of action on surface and subsurface water migration.
Done 328
Send Email 322
326 Contact civil engineer to validate the final grades and drainage.
Done 328
Send Email 322
326 Site Development (Incomplete) 330
326 Some questions have not been answered. Click the "Site Development" tab and make sure to answer all of the questions.

FIG. 9

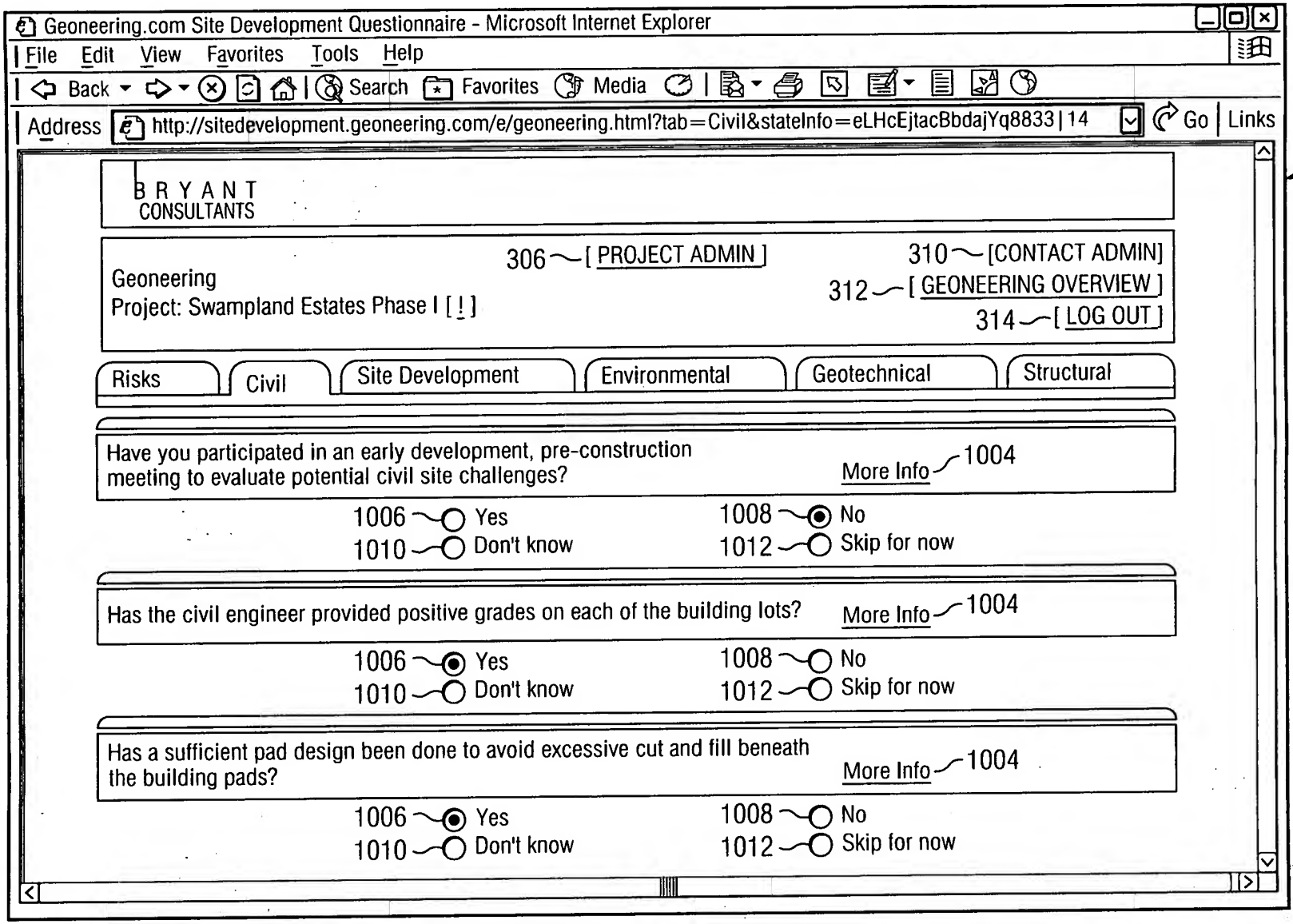


FIG. 10

18634.0111
REPLACEMENT SHEET

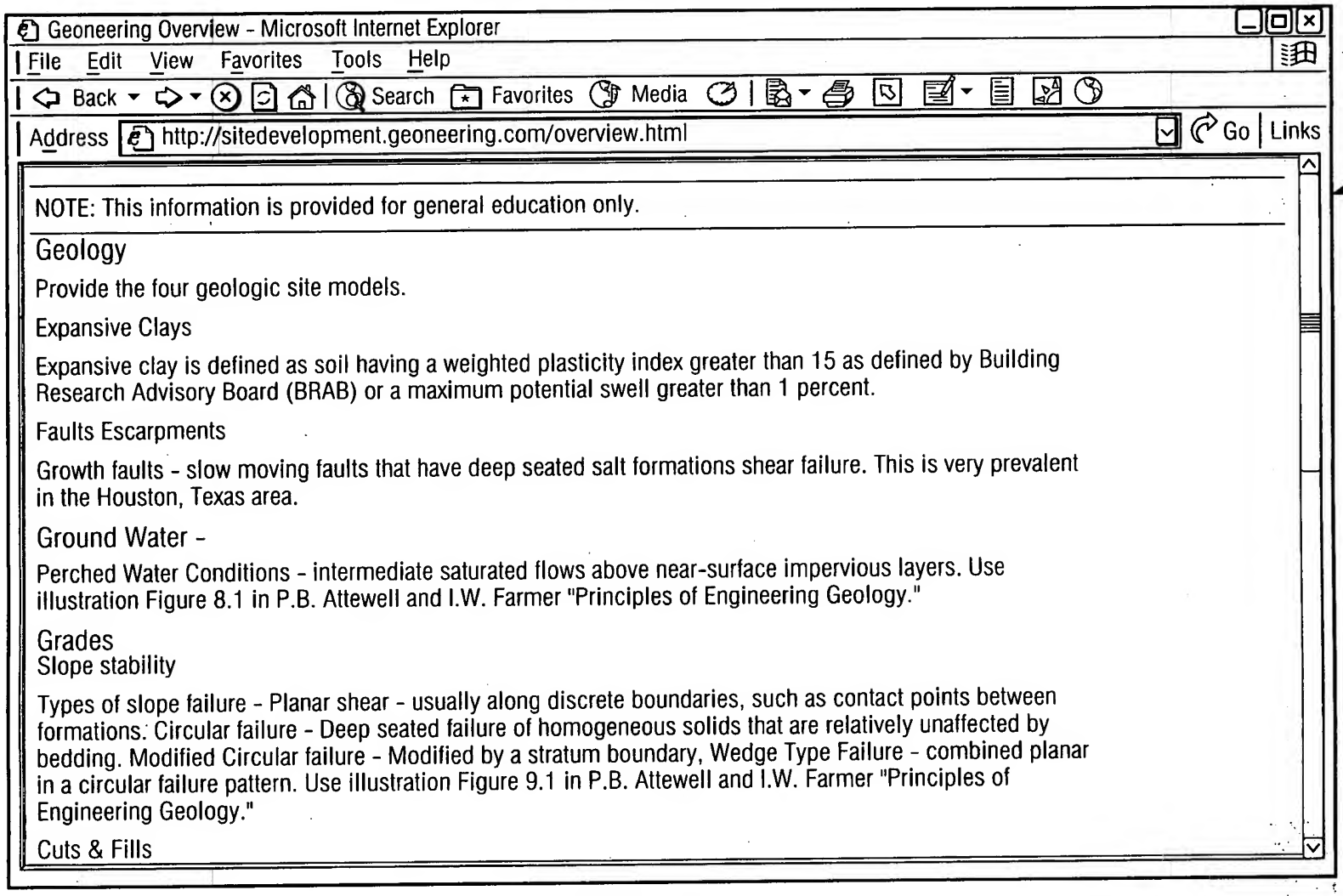

Geoneering Overview - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/overview.html
Go Links
1500
NOTE: This information is provided for general education only.
Geology
Provide the four geologic site models.
Expansive Clays
Expansive clay is defined as soil having a weighted plasticity index greater than 15 as defined by Building Research Advisory Board (BRAB) or a maximum potential swell greater than 1 percent.
Faults Escarpments
Growth faults - slow moving faults that have deep seated salt formations shear failure. This is very prevalent in the Houston, Texas area.
Ground Water -
Perched Water Conditions - intermediate saturated flows above near-surface impervious layers. Use illustration Figure 8.1 in P.B. Attewell and I.W. Farmer "Principles of Engineering Geology."
Grades
Slope stability
Types of slope failure - Planar shear - usually along discrete boundaries, such as contact points between formations. Circular failure - Deep seated failure of homogeneous solids that are relatively unaffected by bedding. Modified Circular failure - Modified by a stratum boundary, Wedge Type Failure - combined planar in a circular failure pattern. Use illustration Figure 9.1 in P.B. Attewell and I.W. Farmer "Principles of Engineering Geology."
Cuts & Fills

FIG. 11

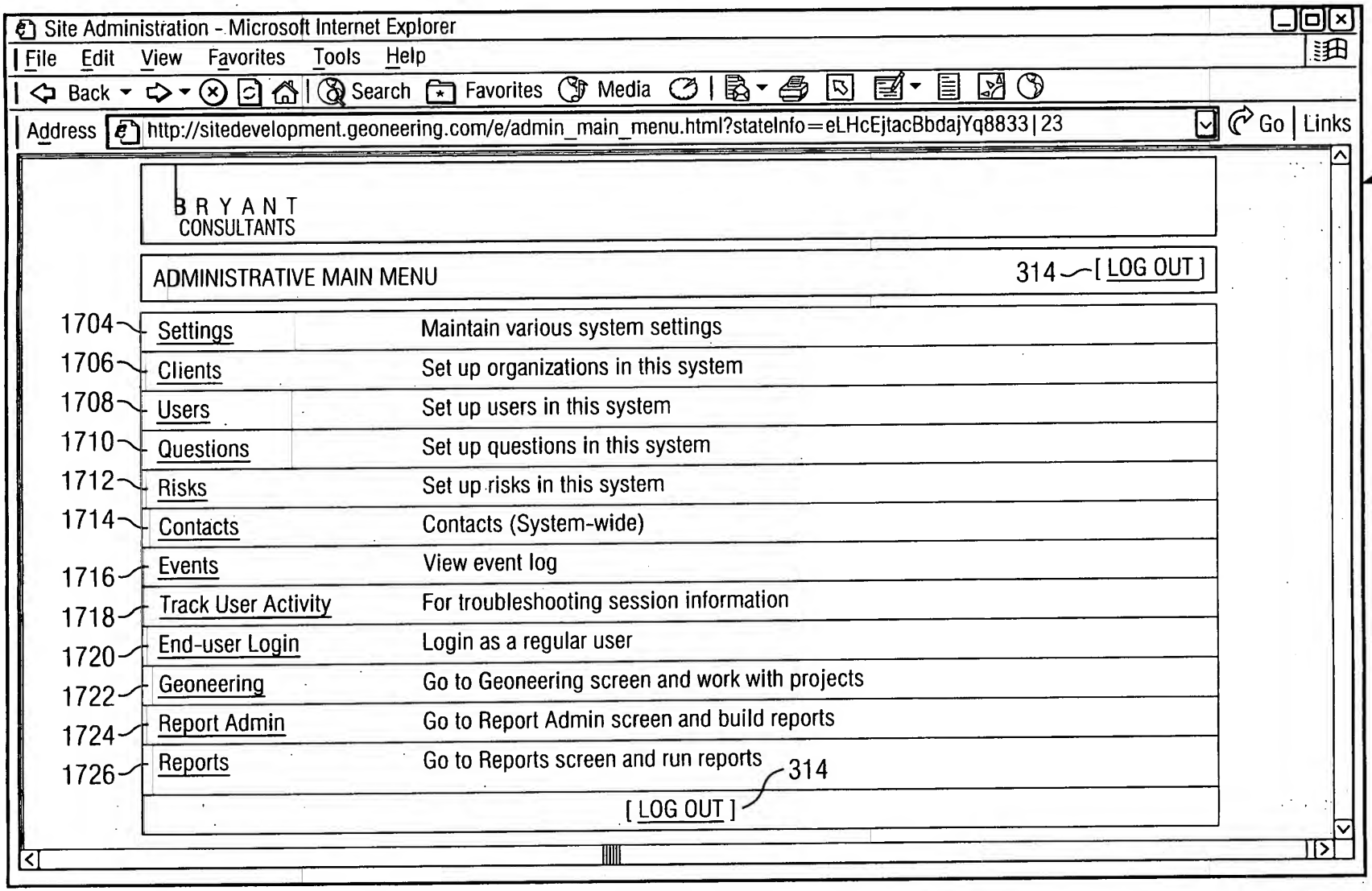


FIG. 12

REPLACEMENT SHEET

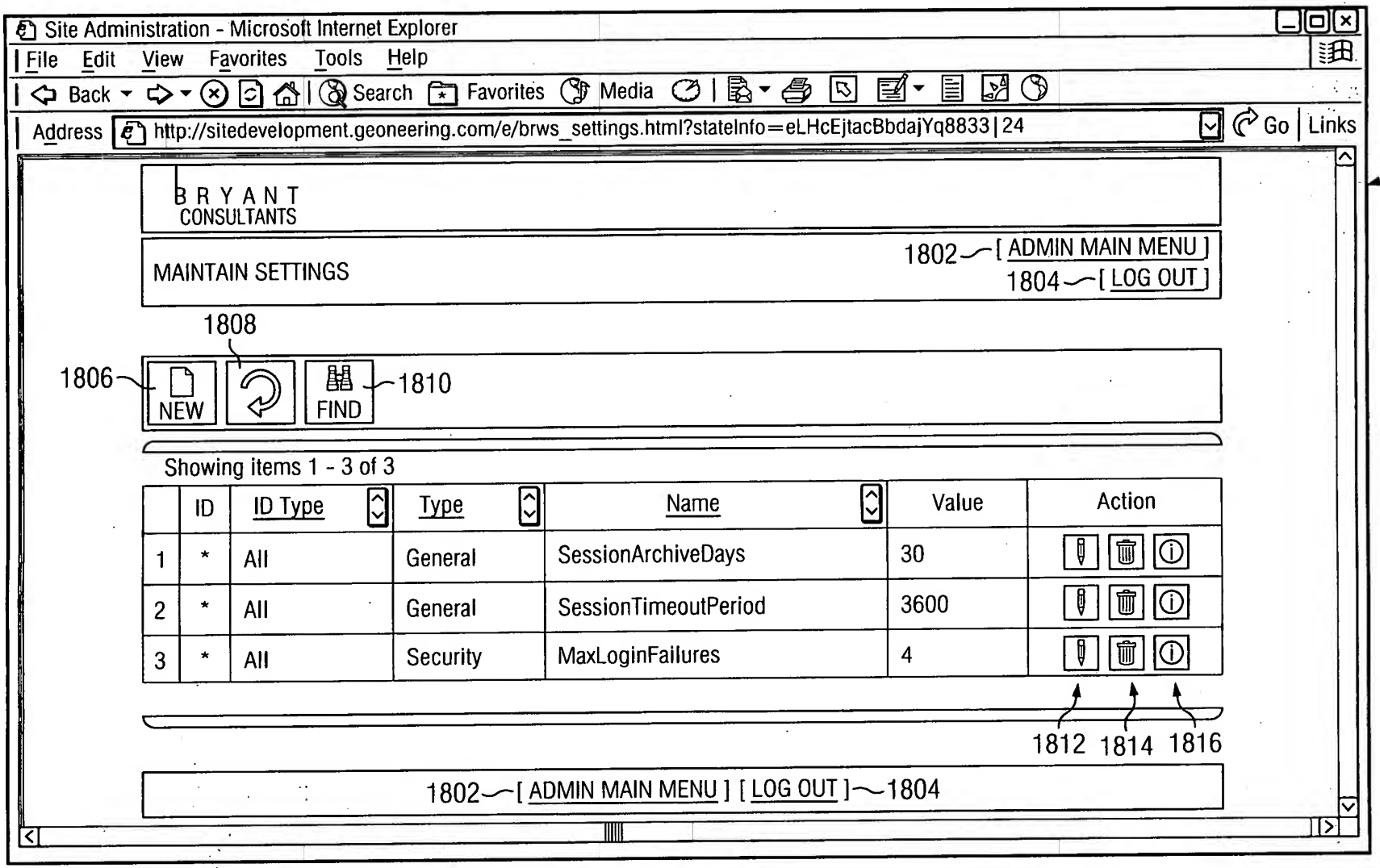

Site Administration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/brws_settings.html?stateInfo=eLHcEjtacBbdajYq8833|24
Go Links
1800
BRYANT CONSULTANTS
MAINTAIN SETTINGS
1802 [ADMIN MAIN MENU]
1804 [LOG OUT]
1808
1806
NEW
FIND
1810
Showing items 1 - 3 of 3
ID
ID Type
Type
Name
Value
Action
1 * All General SessionArchiveDays 30
2 * All General SessionTimeoutPeriod 3600
3 * All Security MaxLoginFailures 4
1812 1814 1816
1802 [ADMIN MAIN MENU] [LOG OUT] 1804

FIG. 13

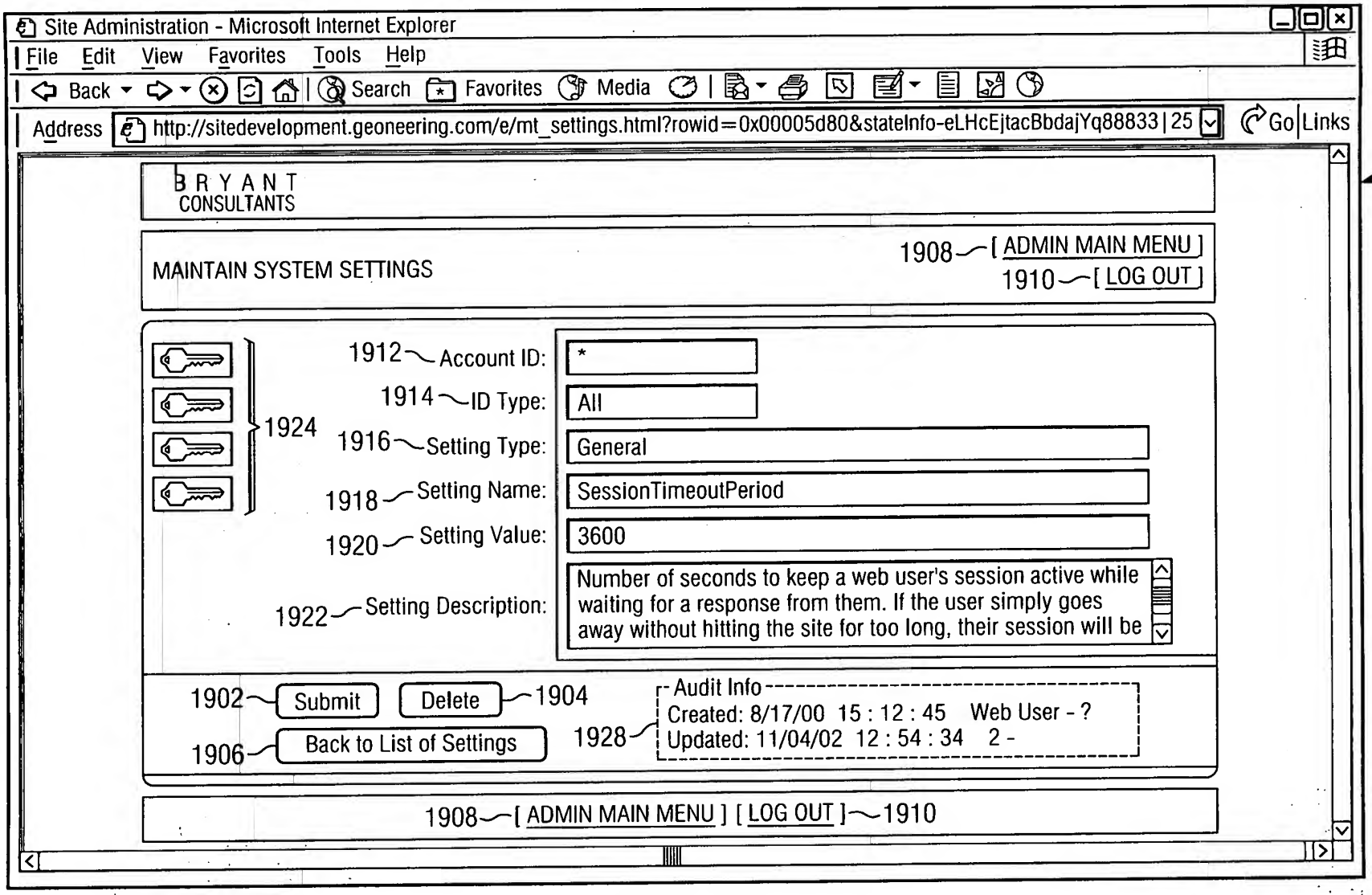

Site Administration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/mt_settings.html?rowid=0x00005d80&stateInfo-eLHcEjtacBbdajYq88833|25
Go Links
1900
BRYANT CONSULTANTS
MAINTAIN SYSTEM SETTINGS
1908 [ADMIN MAIN MENU]
1910 [LOG OUT]
1912 Account ID: *
1914 ID Type: All
1916 Setting Type: General
1918 Setting Name: SessionTimeoutPeriod
1920 Setting Value: 3600
1922 Setting Description: Number of seconds to keep a web user's session active while waiting for a response from them. If the user simply goes away without hitting the site for too long, their session will be
1924
1902 Submit
Delete 1904
1906 Back to List of Settings
1928 Audit Info
Created: 8/17/00 15 : 12 : 45 Web User - ?
Updated: 11/04/02 12 : 54 : 34 2 -
1908 [ADMIN MAIN MENU] [LOG OUT] 1910

FIG. 14

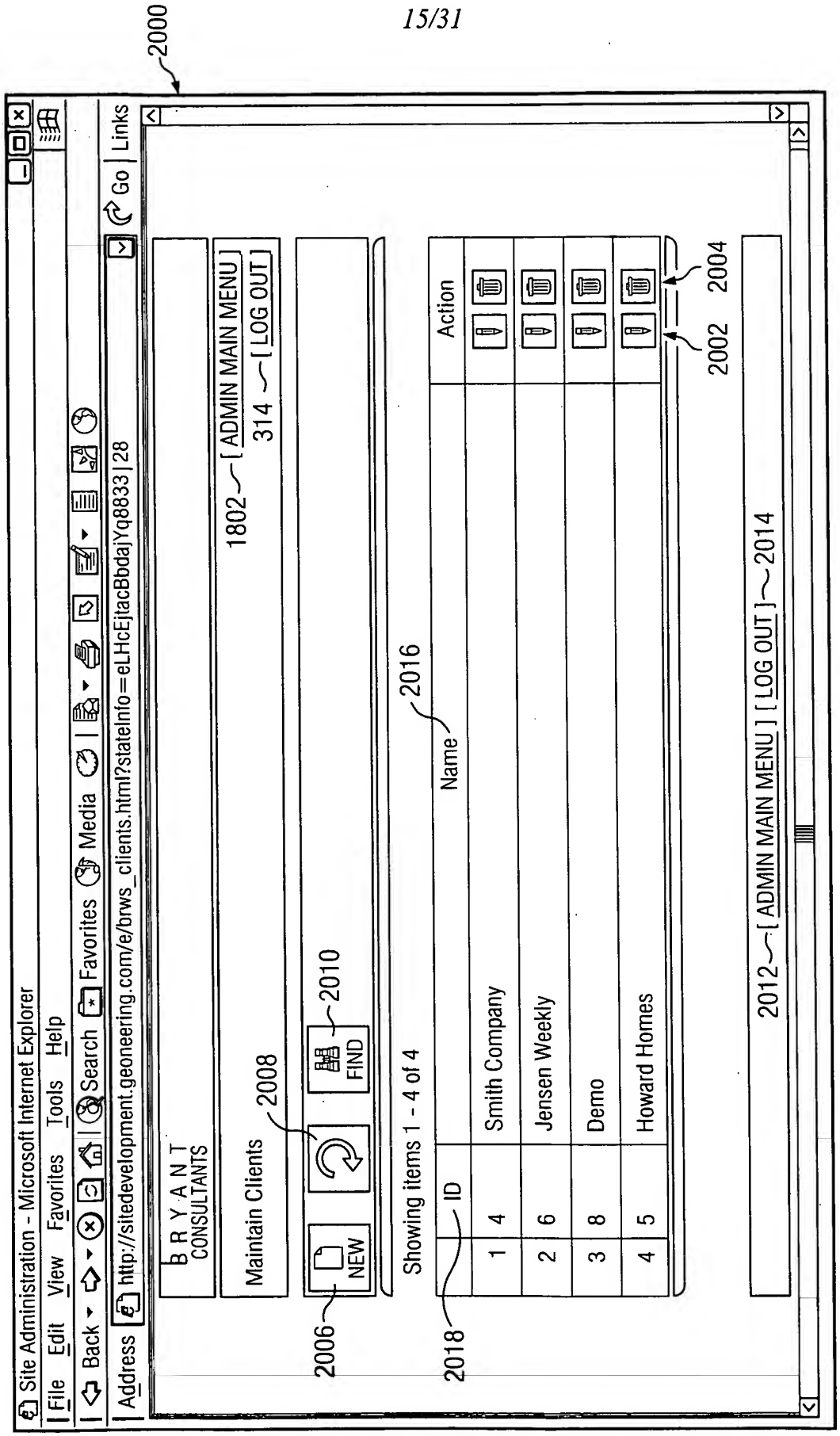

2000
Site Administration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/brws_clients.html?stateInfo=eLHcEjtacBbdajYq8833|28
Go Links
BRYANT CONSULTANTS
1802 [ADMIN MAIN MENU]
314 [LOG OUT]
Maintain Clients
2008
NEW
FIND
2010
2006
Showing items 1 - 4 of 4
2016
ID
Name
Action
2018
1 4 Smith Company
2 6 Jensen Weekly
3 8 Demo
4 5 Howard Homes
2002
2004
2012 [ADMIN MAIN MENU] [LOG OUT] 2014

FIG. 15

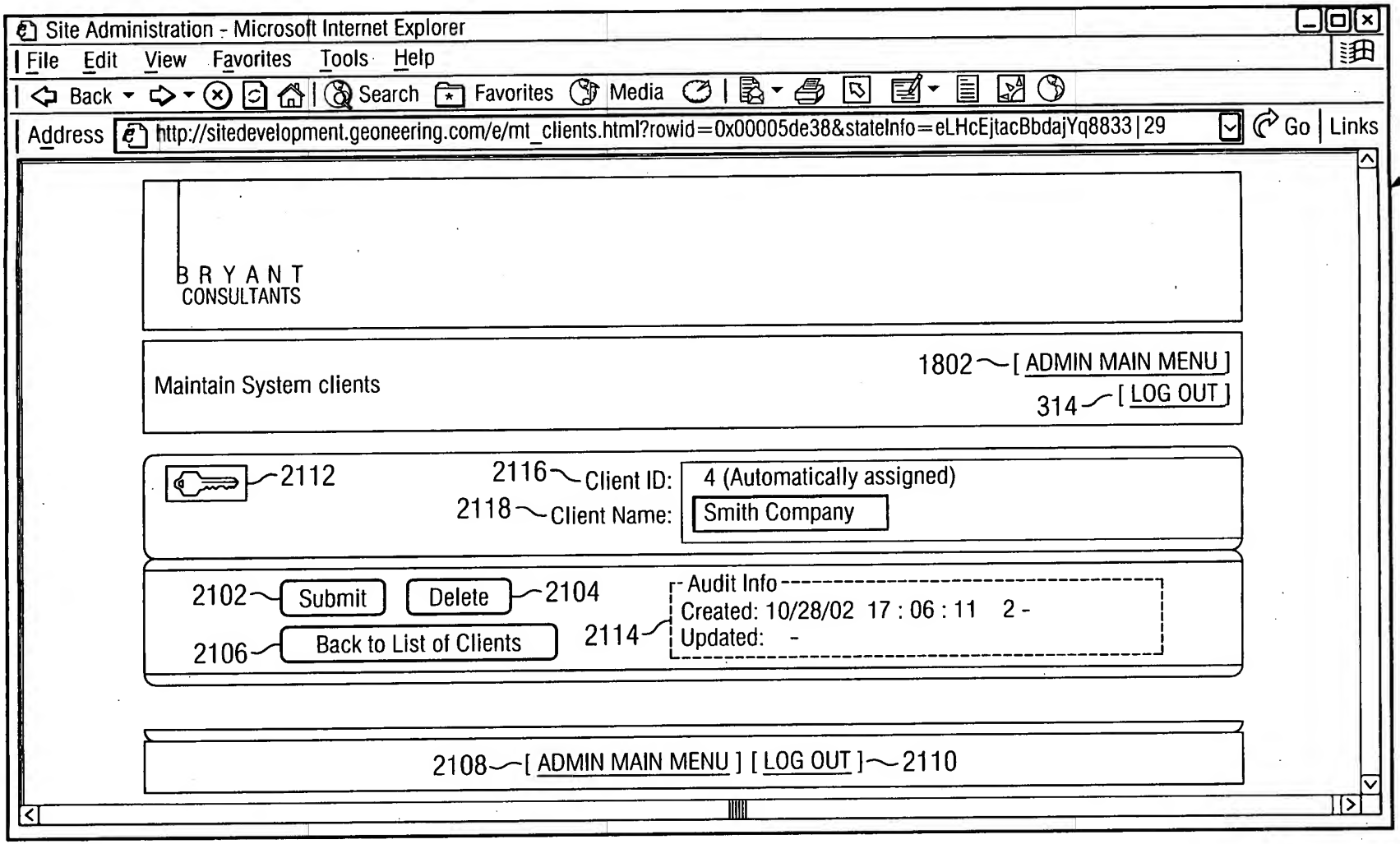

Site Administration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/mt_clients.html?rowid=0x00005de38&stateInfo=eLHcEjtacBbdajYq8833|29
Go Links
2100
BRYANT
CONSULTANTS
Maintain System clients
1802 [ADMIN MAIN MENU]
314 [LOG OUT]
2112
2116 Client ID: 4 (Automatically assigned)
2118 Client Name: Smith Company
2102 Submit
Delete 2104
2106 Back to List of Clients
2114 Audit Info
Created: 10/28/02 17 : 06 : 11 2 -
Updated: -
2108 [ADMIN MAIN MENU] [LOG OUT] 2110

FIG. 16

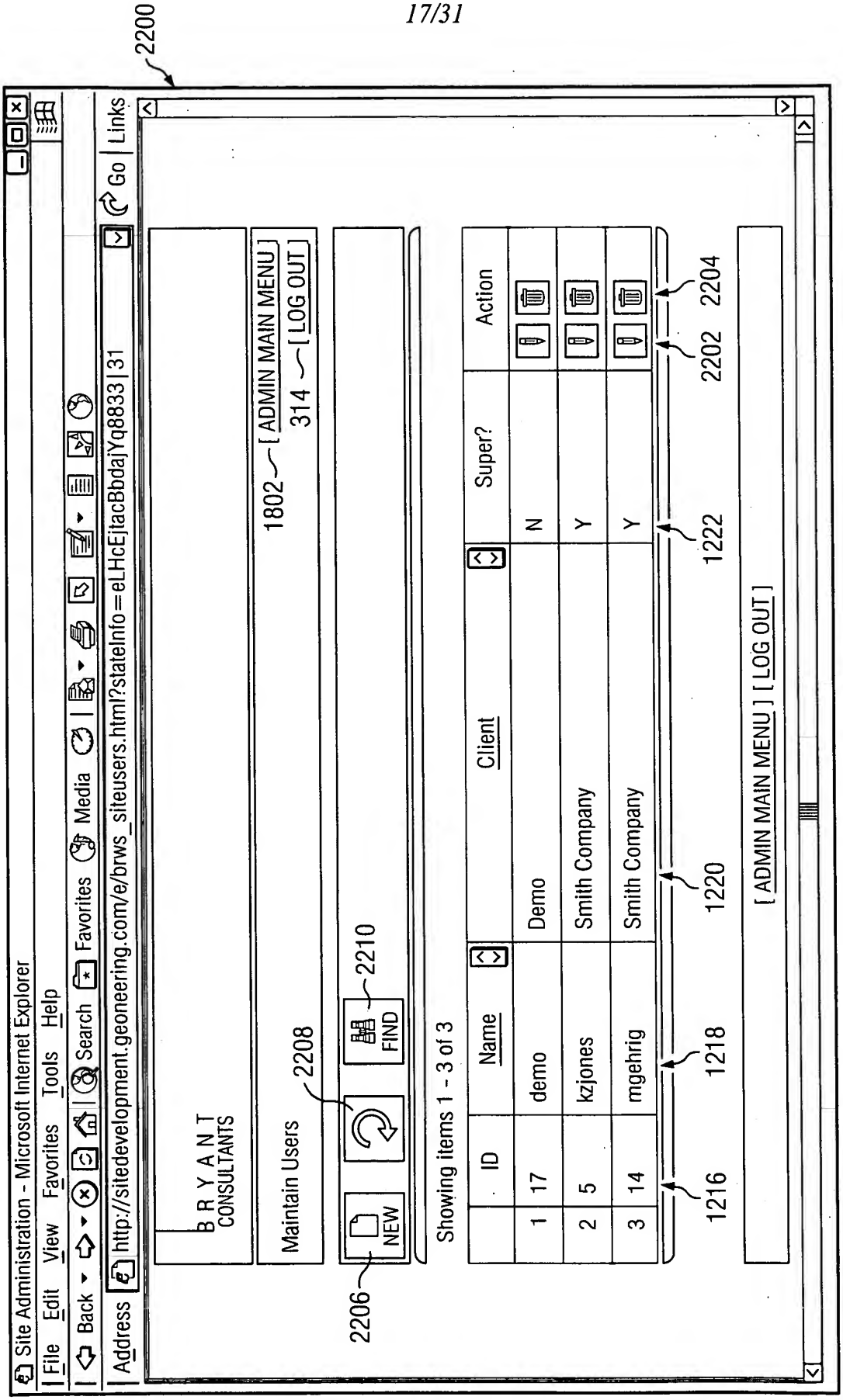

2200
Site Administration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media Go Links
Address http://sitedevelopment.geoneering.com/e/brws_siteusers.html?stateInfo=eLHcEjtacBbdajYq8833|31
BRYANT CONSULTANTS
Maintain Users
2208
1802 [ADMIN MAIN MENU]
314 [LOG OUT]
2206
NEW
FIND
2210
Showing items 1 - 3 of 3
ID
Name
Client
Super?
Action
1 17 demo Demo N
2 5 kzjones Smith Company Y
3 14 mgehrig Smith Company Y
1216
1218
1220
1222
2202
2204
[ADMIN MAIN MENU] [LOG OUT]

FIG. 17

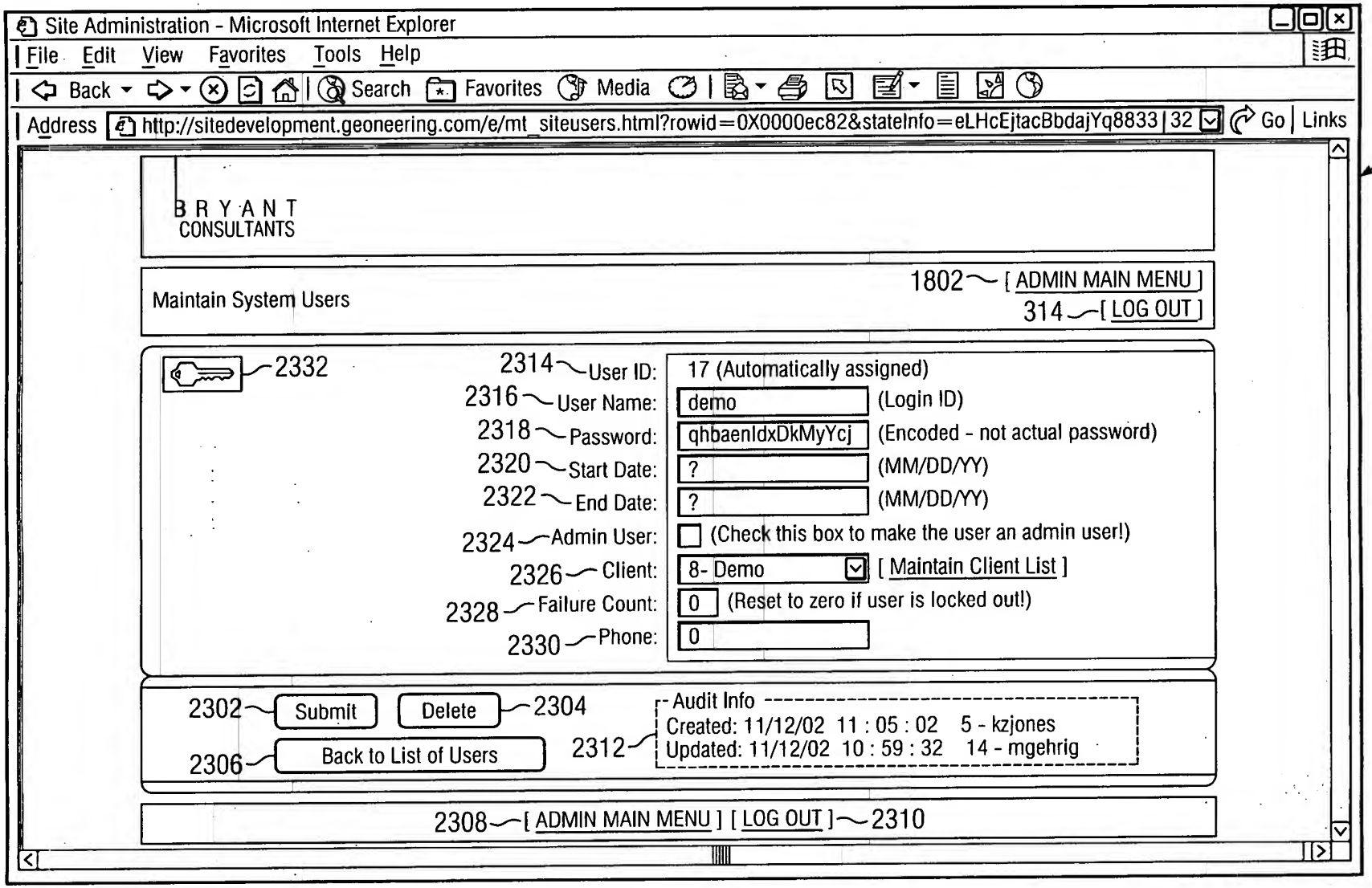


FIG. 18

18634.0111
REPLACEMENT SHEET

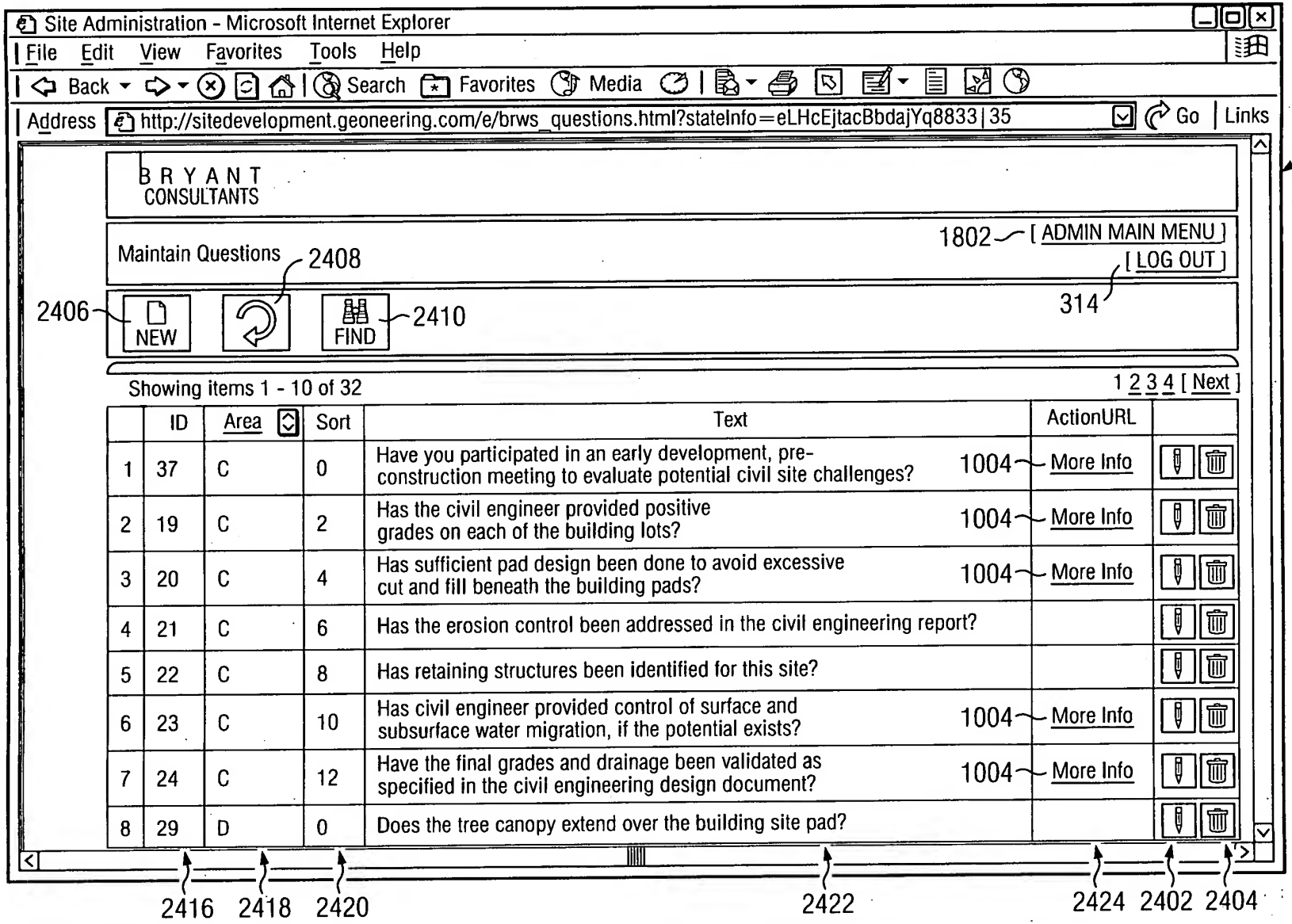


FIG. 19

REPLACEMENT SHEET

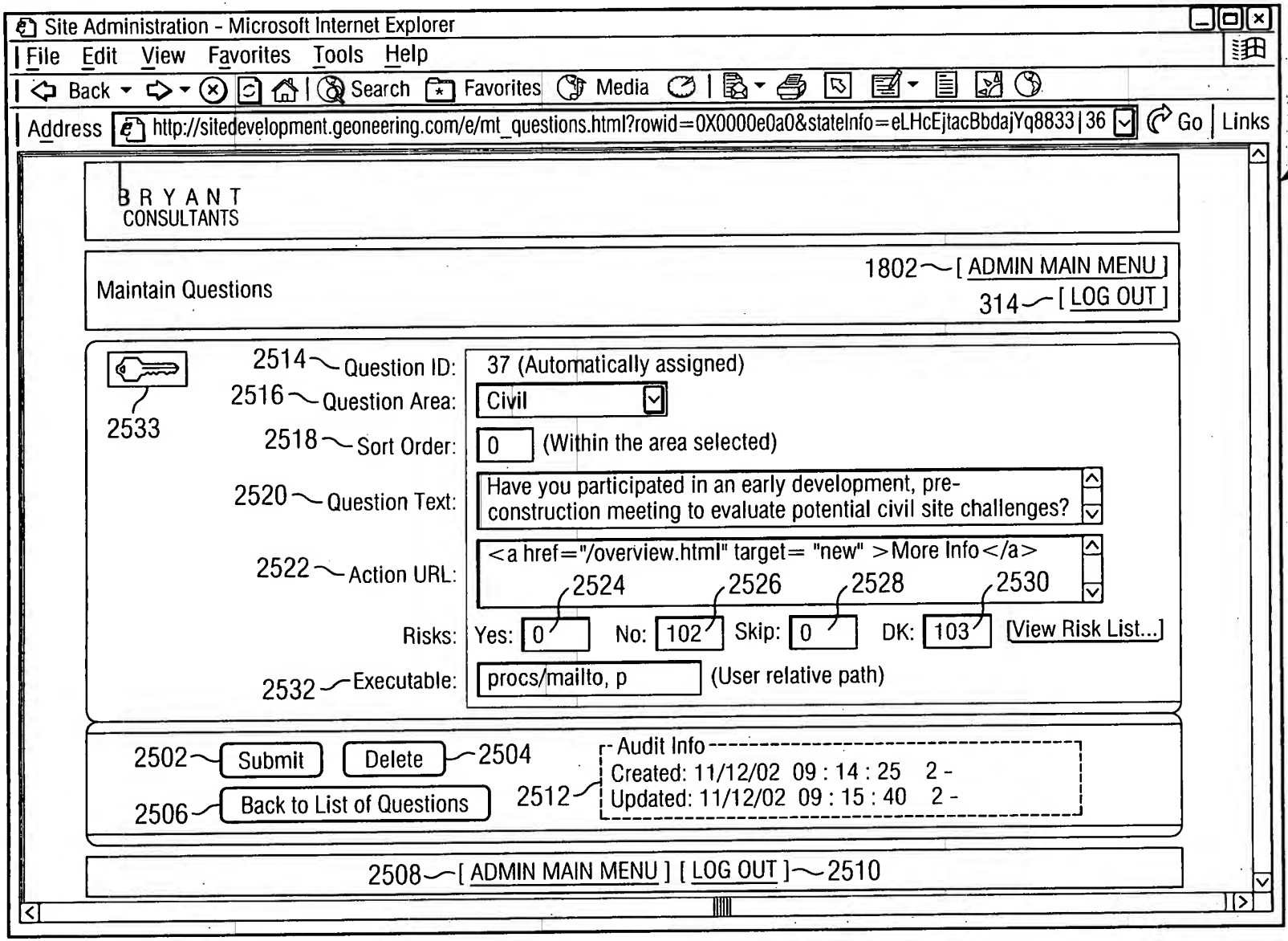


FIG. 20

18634.0111
REPLACEMENT SHEET

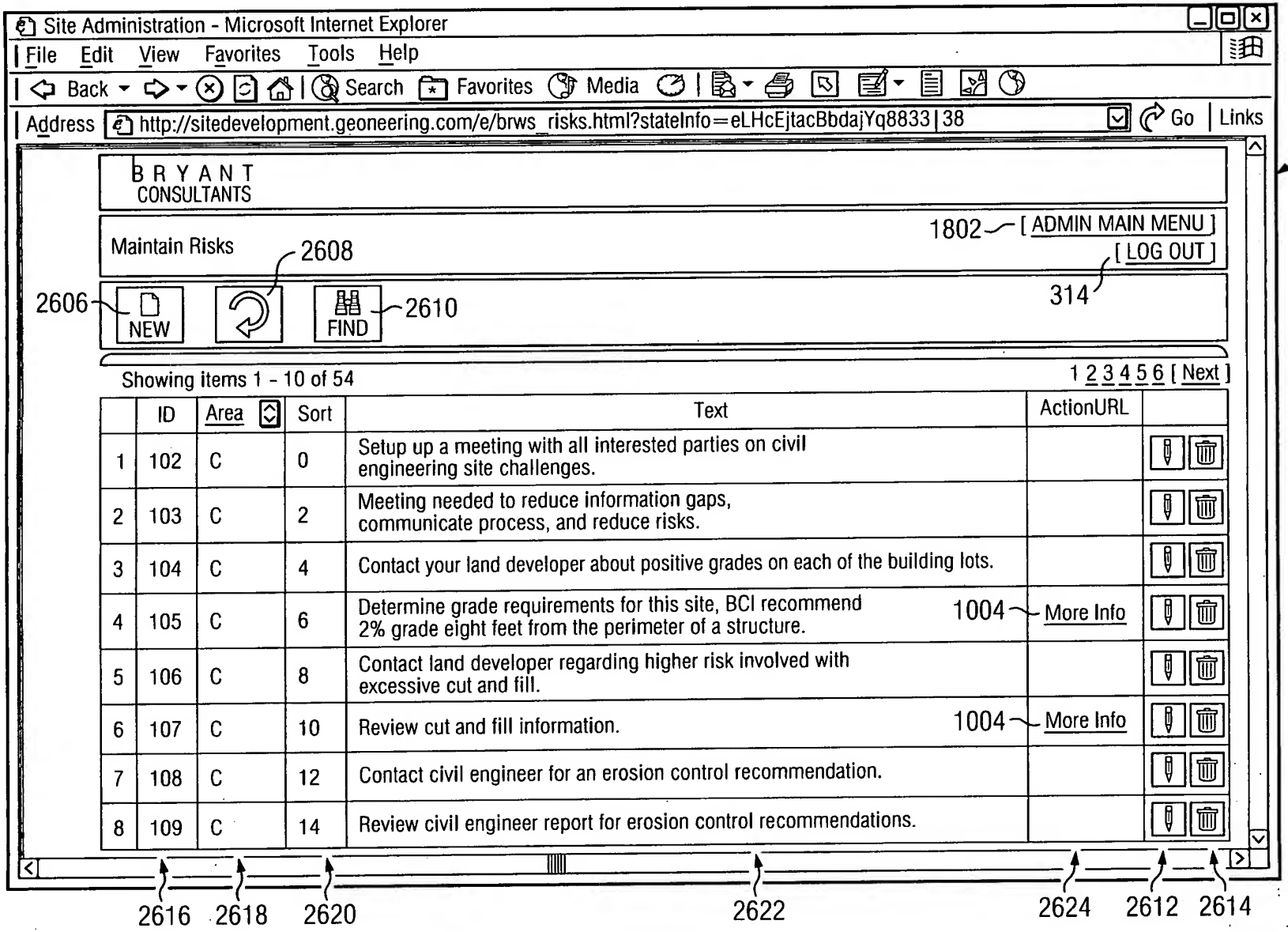

Site Administration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/brws_risks.html?stateInfo=eLHcEjtacBbdajYq8833|38
Go Links
2600
BRYANT
CONSULTANTS
1802
[ADMIN MAIN MENU]
Maintain Risks
2608
[LOG OUT]
314
2606
NEW
FIND
2610
Showing items 1 - 10 of 54
1 2 3 4 5 6 [Next]
ID
Area
Sort
Text
ActionURL
1 102 C 0 Setup up a meeting with all interested parties on civil engineering site challenges.
2 103 C 2 Meeting needed to reduce information gaps, communicate process, and reduce risks.
3 104 C 4 Contact your land developer about positive grades on each of the building lots.
4 105 C 6 Determine grade requirements for this site, BCI recommend 2% grade eight feet from the perimeter of a structure. 1004 More Info
5 106 C 8 Contact land developer regarding higher risk involved with excessive cut and fill.
6 107 C 10 Review cut and fill information. 1004 More Info
7 108 C 12 Contact civil engineer for an erosion control recommendation.
8 109 C 14 Review civil engineer report for erosion control recommendations.
2616
2618
2620
2622
2624
2612
2614

FIG. 21

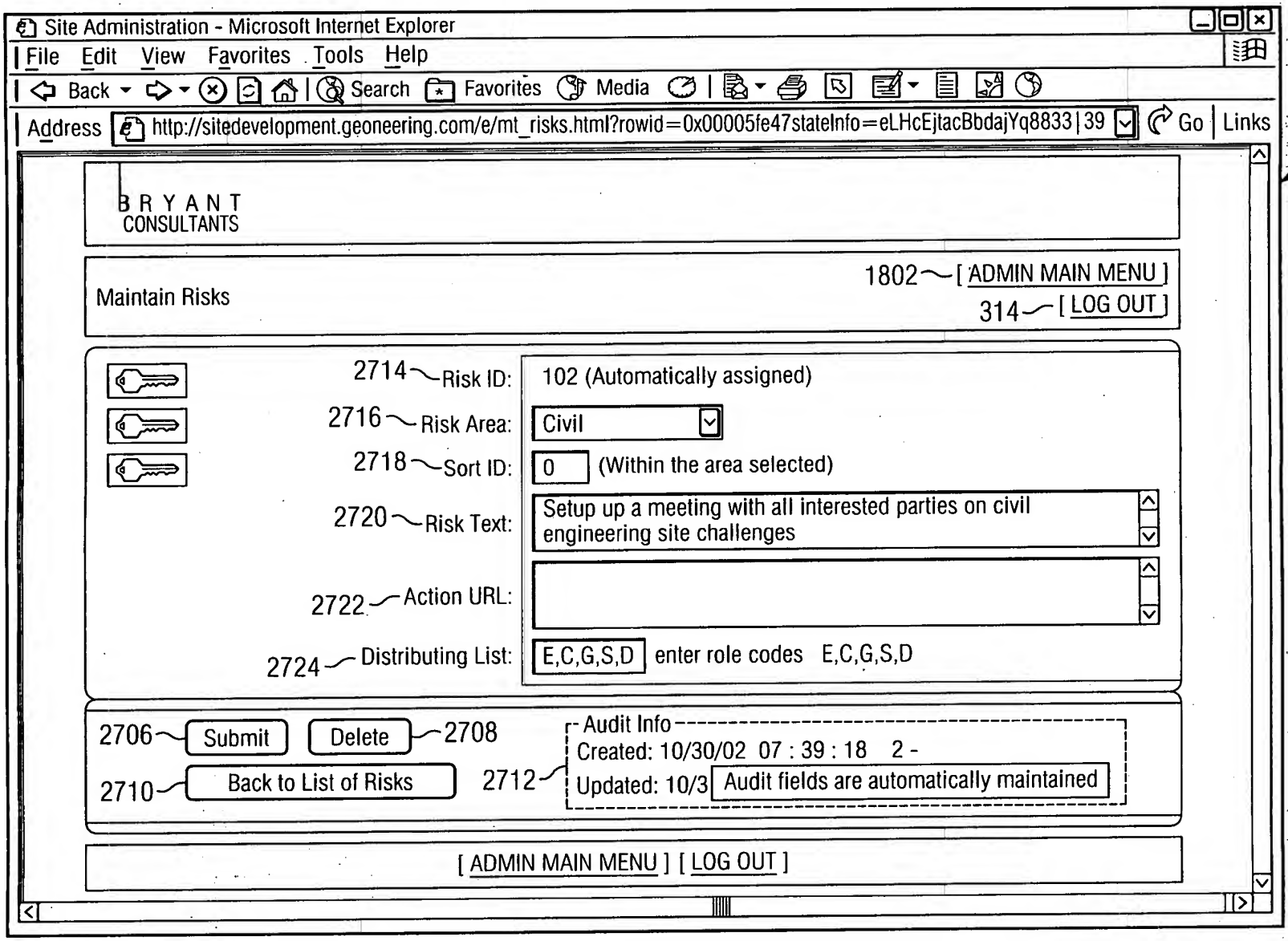

Site Administration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/mt_risks.html?rowid=0x00005fe47stateInfo=eLHcEjtacBbdajYq8833|39
Go Links
2700
BRYANT CONSULTANTS
Maintain Risks
1802 [ADMIN MAIN MENU]
314 [LOG OUT]
2714 Risk ID: 102 (Automatically assigned)
2716 Risk Area: Civil
2718 Sort ID: 0 (Within the area selected)
2720 Risk Text: Setup up a meeting with all interested parties on civil engineering site challenges
2722 Action URL:
2724 Distributing List: E,C,G,S,D enter role codes E,C,G,S,D
2706 Submit
Delete 2708
2710 Back to List of Risks
2712 Audit Info
Created: 10/30/02 07 : 39 : 18 2 -
Updated: 10/3 Audit fields are automatically maintained
[ADMIN MAIN MENU] [LOG OUT]

FIG. 22

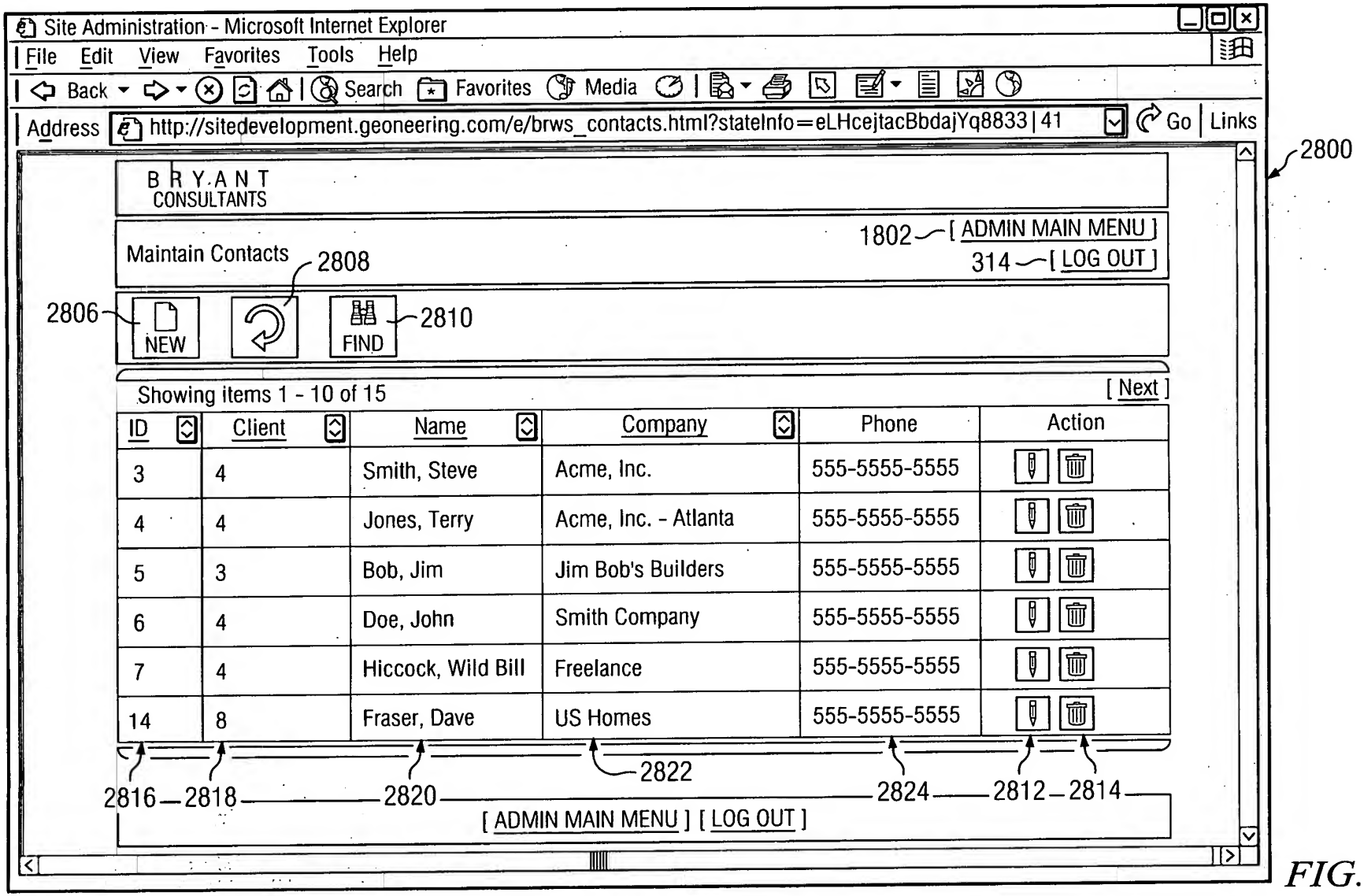

Site Administration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://sitedevelopment.geoneering.com/e/brws_contacts.html?stateInfo=eLHcejtacBbdajYq8833|41
Go Links
2800
BRYANT CONSULTANTS
1802
[ADMIN MAIN MENU]
314
[LOG OUT]
Maintain Contacts
2808
2806
NEW
FIND
2810
Showing items 1 - 10 of 15
[Next]
ID
Client
Name
Company
Phone
Action
3 4 Smith, Steve Acme, Inc. 555-5555-5555
4 4 Jones, Terry Acme, Inc. - Atlanta 555-5555-5555
5 3 Bob, Jim Jim Bob's Builders 555-5555-5555
6 4 Doe, John Smith Company 555-5555-5555
7 4 Hiccock, Wild Bill Freelance 555-5555-5555
14 8 Fraser, Dave US Homes 555-5555-5555
2816
2818
2820
2822
2824
2812
2814
[ADMIN MAIN MENU] [LOG OUT]

FIG. 23

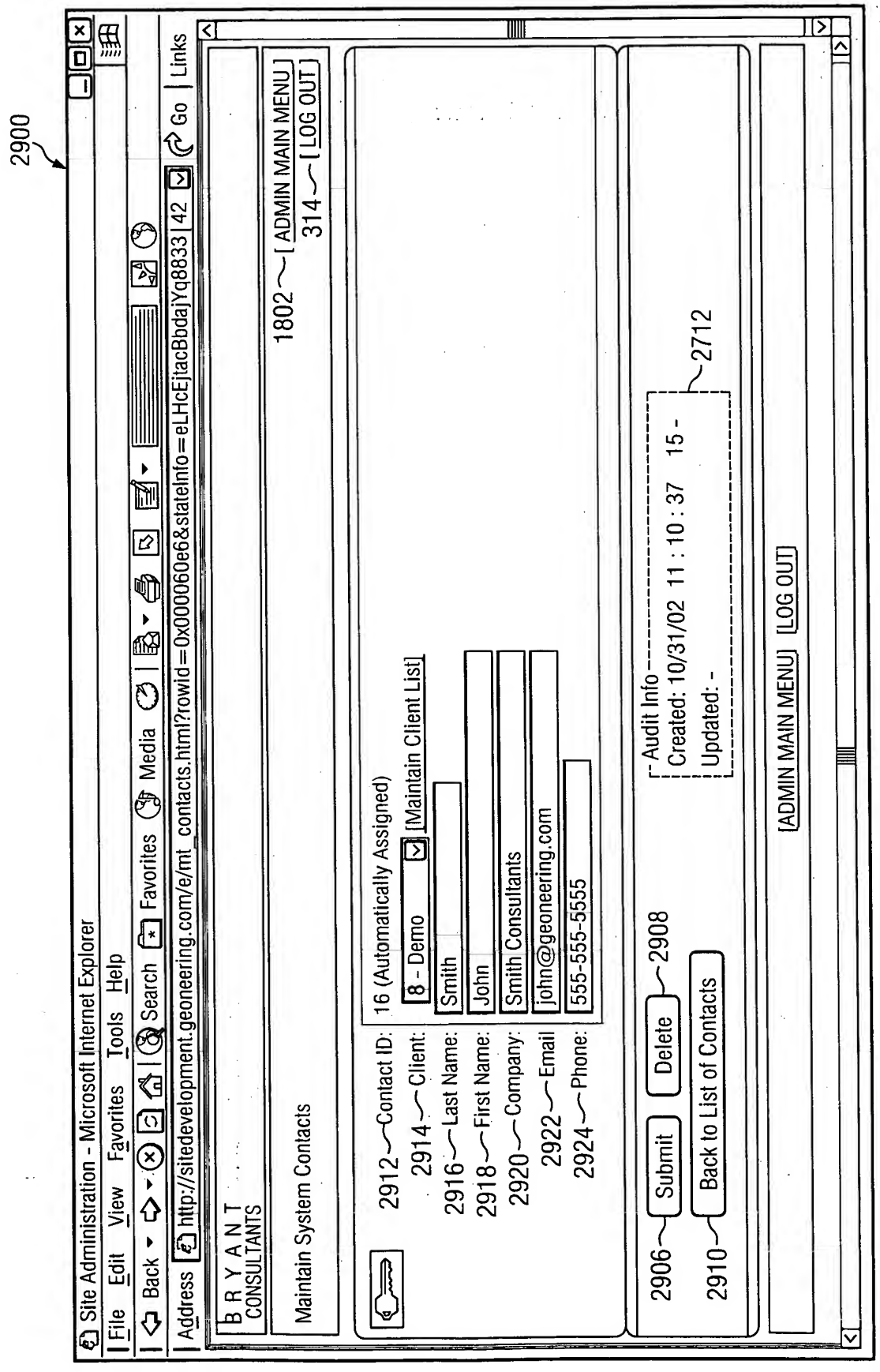

2900
Site Administration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media Go Links
Address http://sitedevelopment.geoneering.com/e/mt_contacts.html?rowid=0x000060e6&stateInfo=eLHcEjtacBbdajYq8833|42
BRYANT CONSULTANTS
Maintain System Contacts
1802
[ADMIN MAIN MENU]
314
[LOG OUT]
2912 Contact ID: 16 (Automatically Assigned)
2914 Client: 8 - Demo [Maintain Client List]
2916 Last Name: Smith
2918 First Name: John
2920 Company: Smith Consultants
2922 Email john@geoneering.com
2924 Phone: 555-555-5555
2906 Submit
Delete 2908
2910 Back to List of Contacts
Audit Info
Created: 10/31/02 11:10:37 15 -
Updated: -
2712
[ADMIN MAIN MENU] [LOG OUT]

FIG. 24

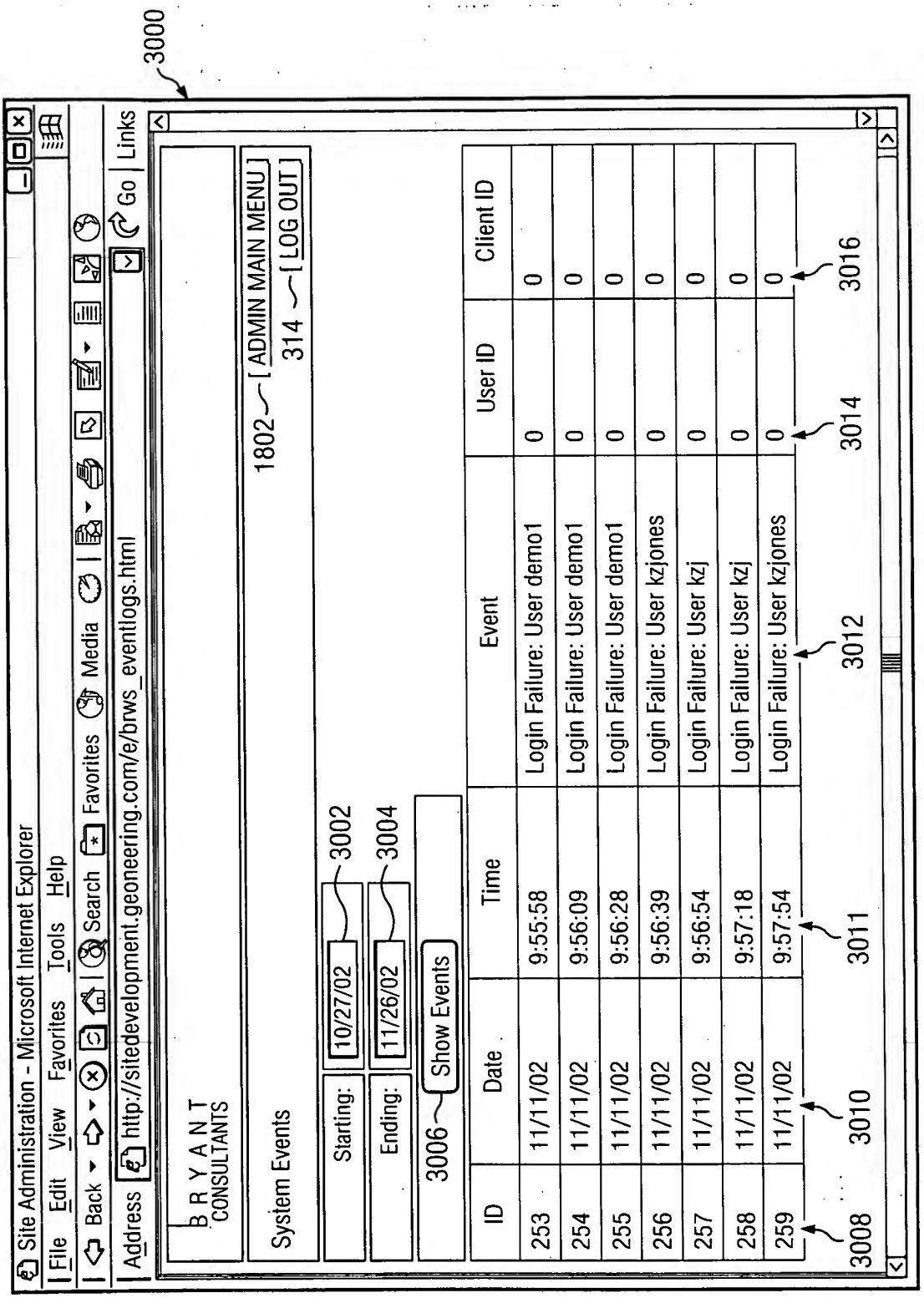

3000
Site Administration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media Go Links
Address http://sitedevelopment.geoneering.com/e/brws_eventlogs.html
BRYANT CONSULTANTS
1802
[ADMIN MAIN MENU]
314
[LOG OUT]
System Events
Starting: 10/27/02
3002
Ending: 11/26/02
3004
3006
Show Events
ID
Date
Time
Event
User ID
Client ID
253 11/11/02 9:55:58 Login Failure: User demo1 0 0
254 11/11/02 9:56:09 Login Failure: User demo1 0 0
255 11/11/02 9:56:28 Login Failure: User demo1 0 0
256 11/11/02 9:56:39 Login Failure: User kzjones 0 0
257 11/11/02 9:56:54 Login Failure: User kzj 0 0
258 11/11/02 9:57:18 Login Failure: User kzj 0 0
259 11/11/02 9:57:54 Login Failure: User kzjones 0 0
3008
3010
3011
3012
3014
3016

FIG. 25

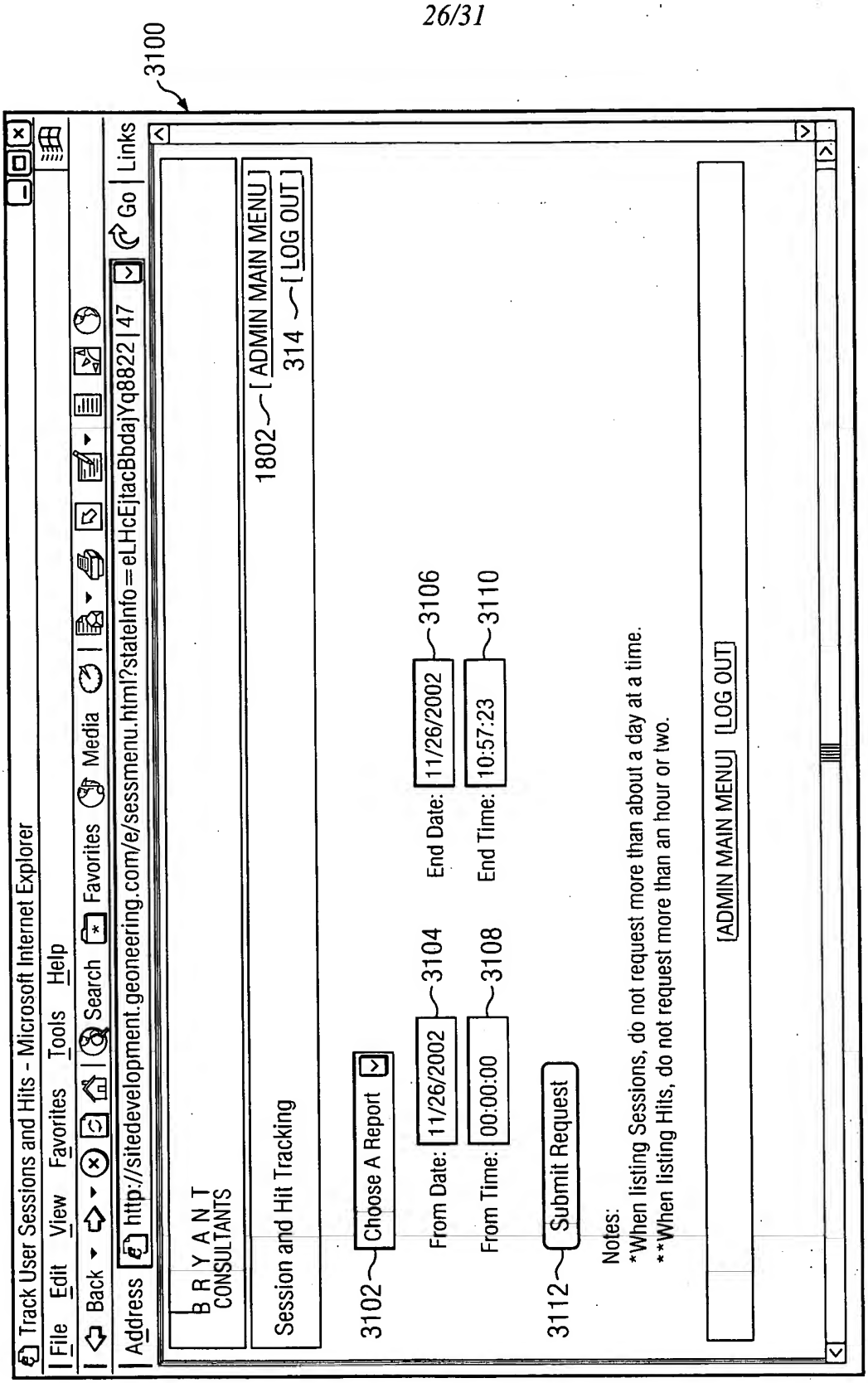

3100
Track User Sessions and Hits - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media Go Links
Address http://sitedevelopment.geoneering.com/e/sessmenu.html?stateInfo=eLHcEjtacBbdajYq8822|47
BRYANT CONSULTANTS
1802 [ADMIN MAIN MENU]
314 [LOG OUT]
Session and Hit Tracking
3102 Choose A Report
From Date: 11/26/2002 3104
End Date: 11/26/2002 3106
From Time: 00:00:00 3108
End Time: 10:57:23 3110
3112 Submit Request
Notes:
*When listing Sessions, do not request more than about a day at a time.
**When listing Hits, do not request more than an hour or two.
[ADMIN MAIN MENU] [LOG OUT]

FIG. 26

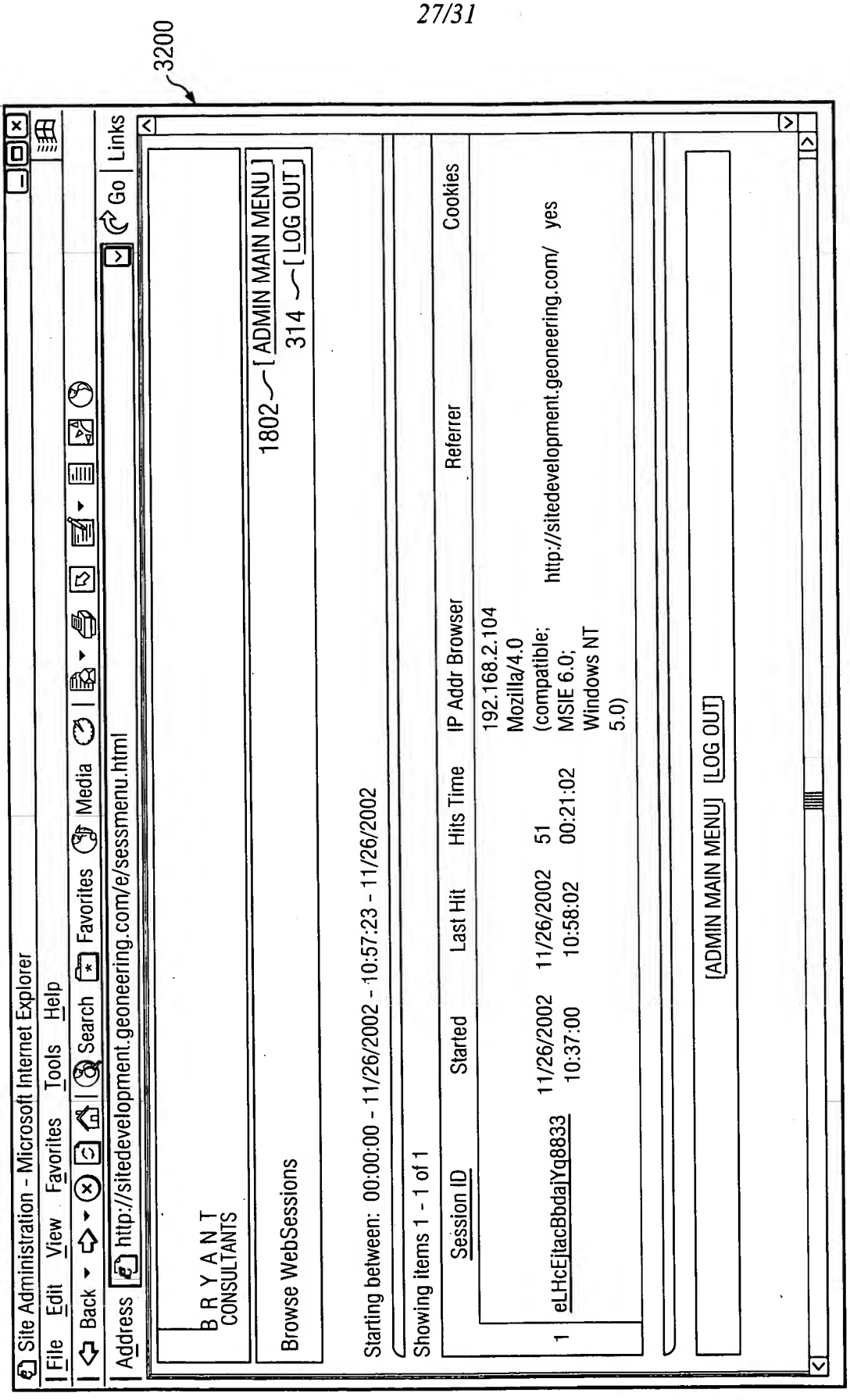
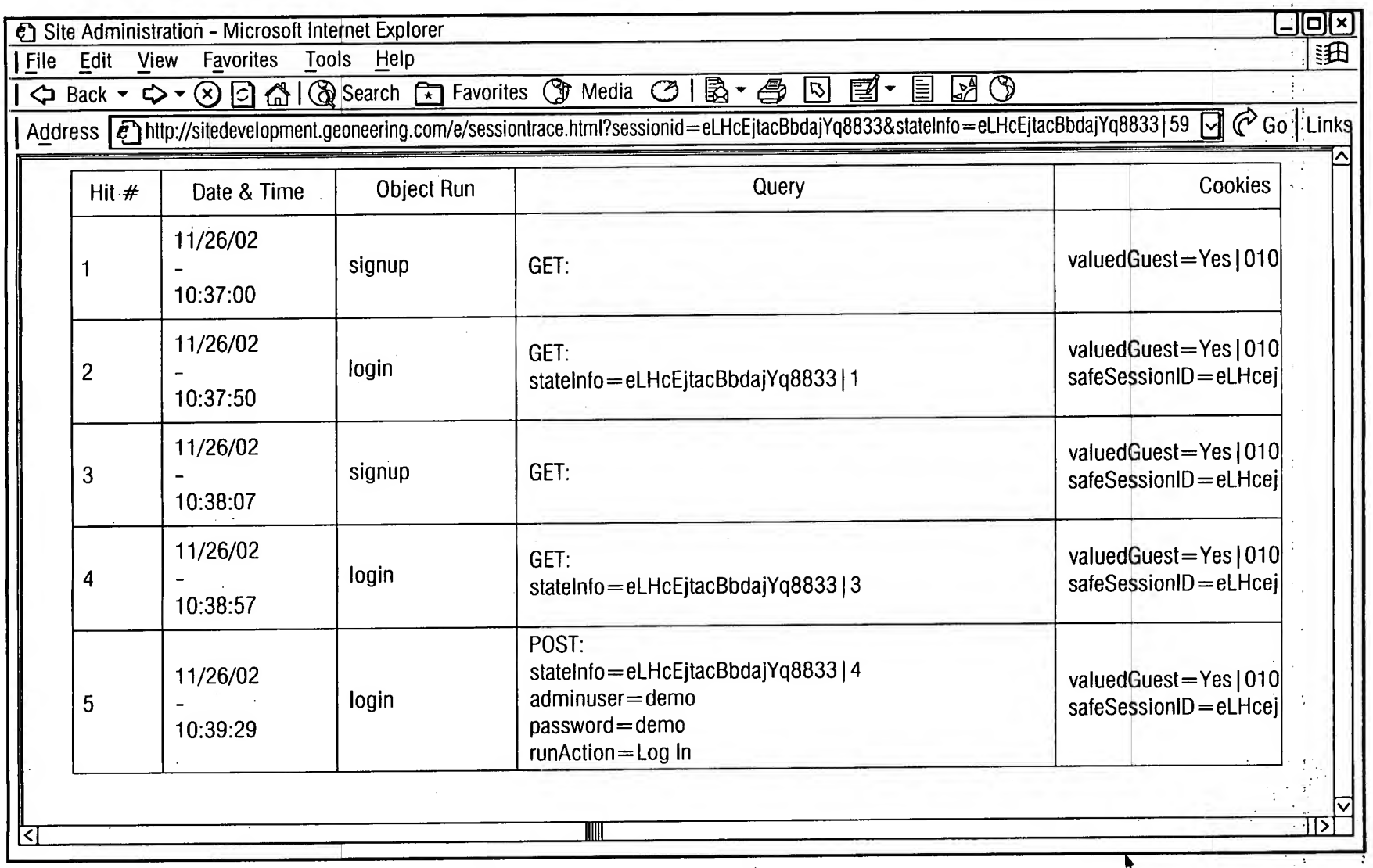

3200
Site Administration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media Go Links
Address http://sitedevelopment.geoneering.com/e/sessmenu.html
B R Y A N T
CONSULTANTS
Browse WebSessions
1802
[ADMIN MAIN MENU]
314
[LOG OUT]
Starting between: 00:00:00 - 11/26/2002 - 10:57:23 - 11/26/2002
Showing items 1 - 1 of 1
Session ID
Started
Last Hit
Hits Time
IP Addr Browser
Referrer
Cookies
1
eLHcEjtacBbdaiYq8833
11/26/2002 10:37:00
11/26/2002 10:58:02
51 00:21:02
192.168.2.104 Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.0)
http://sitedevelopment.geoneering.com/
yes
[ADMIN MAIN MENU] [LOG OUT]

FIG. 27



Hit #	Date & Time	Object Run	Query	Cookies
1	11/26/02 - 10:37:00	signup	GET:	valuedGuest=Yes|010
2	11/26/02 - 10:37:50	login	GET: stateInfo=eLHcEjtacBbdajYq8833|1	valuedGuest=Yes|010 safeSessionID=eLHcej
3	11/26/02 - 10:38:07	signup	GET:	valuedGuest=Yes|010 safeSessionID=eLHcej
4	11/26/02 - 10:38:57	login	GET: stateInfo=eLHcEjtacBbdajYq8833|3	valuedGuest=Yes|010 safeSessionID=eLHcej
5	11/26/02 - 10:39:29	login	POST: stateInfo=eLHcEjtacBbdajYq8833|4 adminuser=demo password=demo runAction=Log In	valuedGuest=Yes|010 safeSessionID=eLHcej

FIG. 28

3300

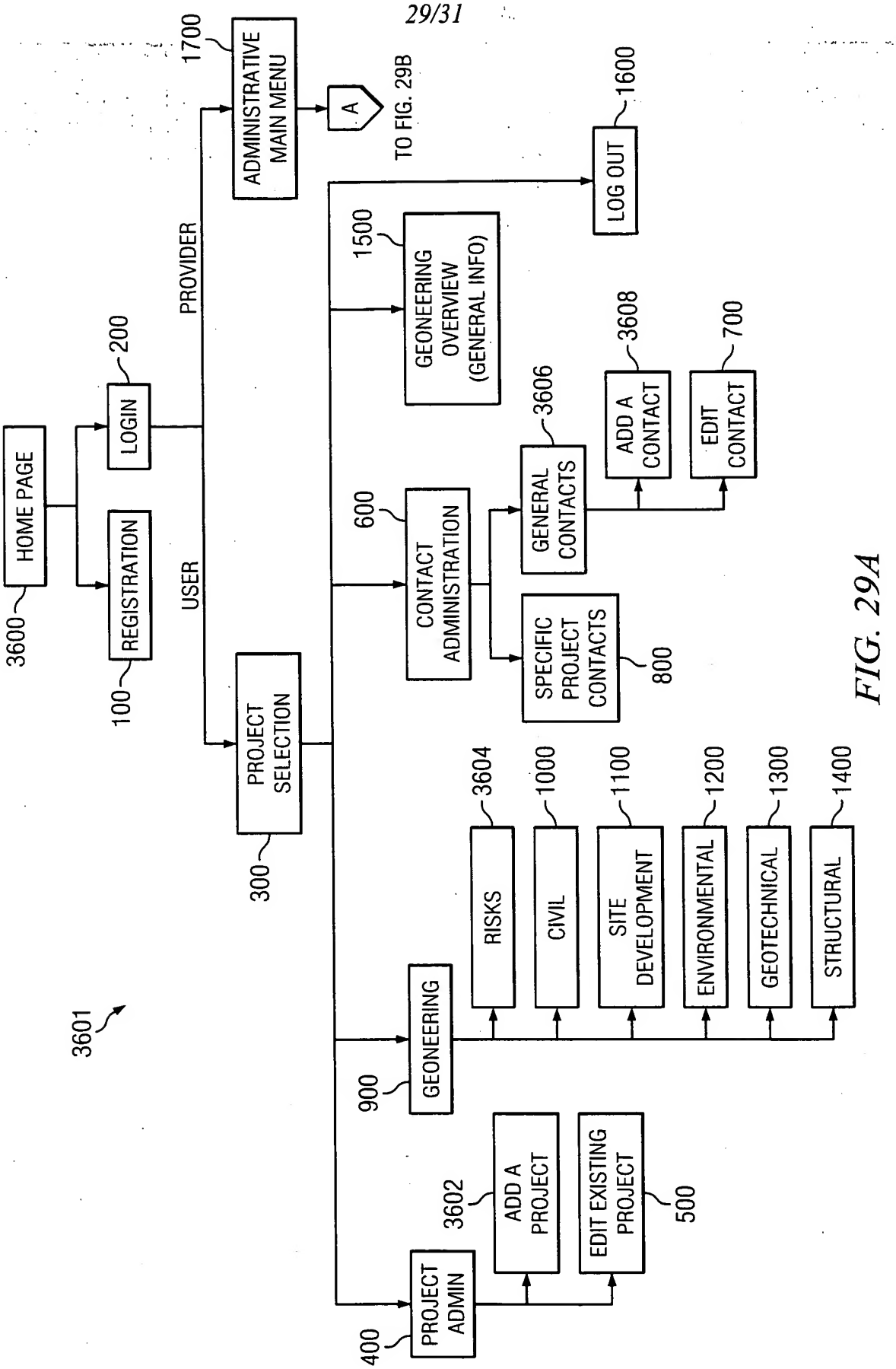

HOME PAGE
3600
LOGIN
200
REGISTRATION
100
PROVIDER
USER
ADMINISTRATIVE MAIN MENU
1700
A
TO FIG. 29B
LOG OUT
1600
GEONEERING OVERVIEW (GENERAL INFO)
1500
CONTACT ADMINISTRATION
600
GENERAL CONTACTS
3606
ADD A CONTACT
3608
EDIT CONTACT
700
SPECIFIC PROJECT CONTACTS
800
PROJECT SELECTION
300
3601
GEONEERING
900
RISKS
3604
CIVIL
1000
SITE DEVELOPMENT
1100
ENVIRONMENTAL
1200
GEOTECHNICAL
1300
STRUCTURAL
1400
PROJECT ADMIN
400
ADD A PROJECT
3602
EDIT EXISTING PROJECT
500

FIG. 29A

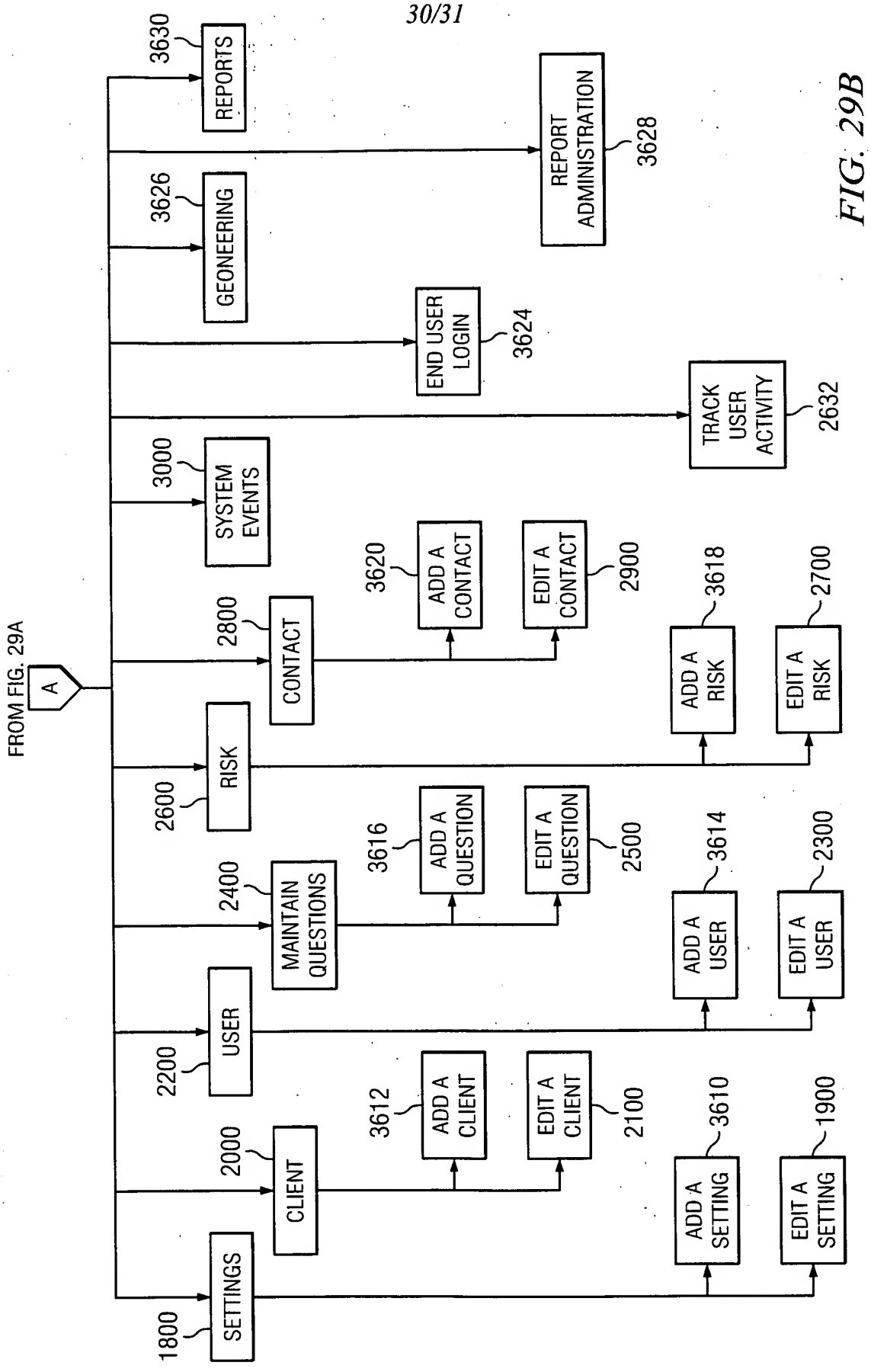

FROM FIG. 29A
A
1800
SETTINGS
2000
CLIENT
2200
USER
2400
MAINTAIN QUESTIONS
2600
RISK
2800
CONTACT
3000
SYSTEM EVENTS
3610
ADD A SETTING
1900
EDIT A SETTING
3612
ADD A CLIENT
2100
EDIT A CLIENT
3614
ADD A USER
2300
EDIT A USER
3616
ADD A QUESTION
2500
EDIT A QUESTION
3618
ADD A RISK
2700
EDIT A RISK
3620
ADD A CONTACT
2900
EDIT A CONTACT
2632
TRACK USER ACTIVITY
3624
END USER LOGIN
3626
GEONEERING
3628
REPORT ADMINISTRATION
3630
REPORTS

FIG. 29B

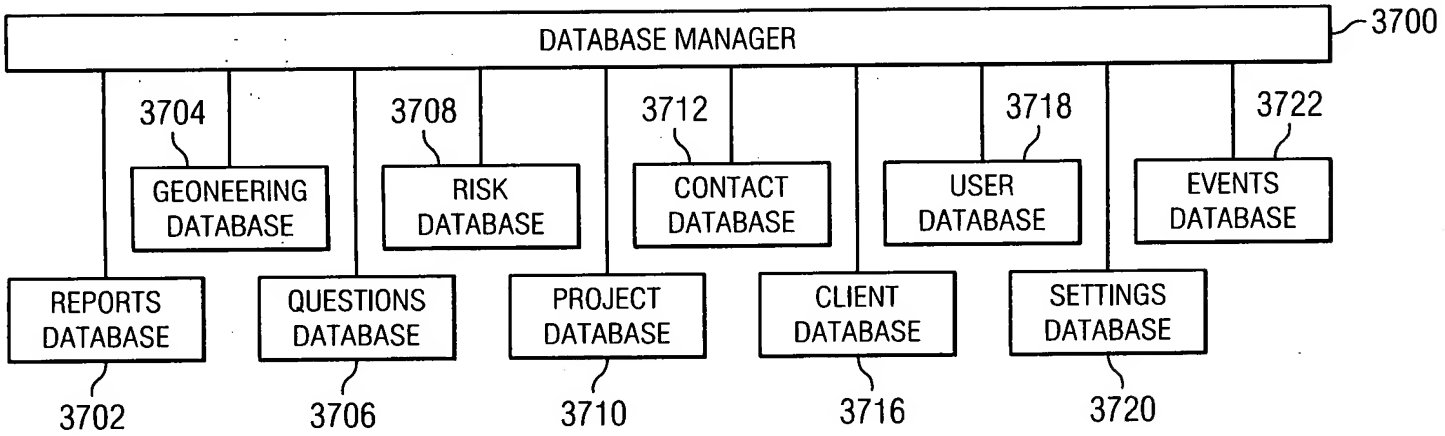

DATABASE MANAGER
3700
3704
GEONEERING DATABASE
3708
RISK DATABASE
3712
CONTACT DATABASE
3718
USER DATABASE
3722
EVENTS DATABASE
REPORTS DATABASE
QUESTIONS DATABASE
PROJECT DATABASE
CLIENT DATABASE
SETTINGS DATABASE
3702
3706
3710
3716
3720

FIG. 30

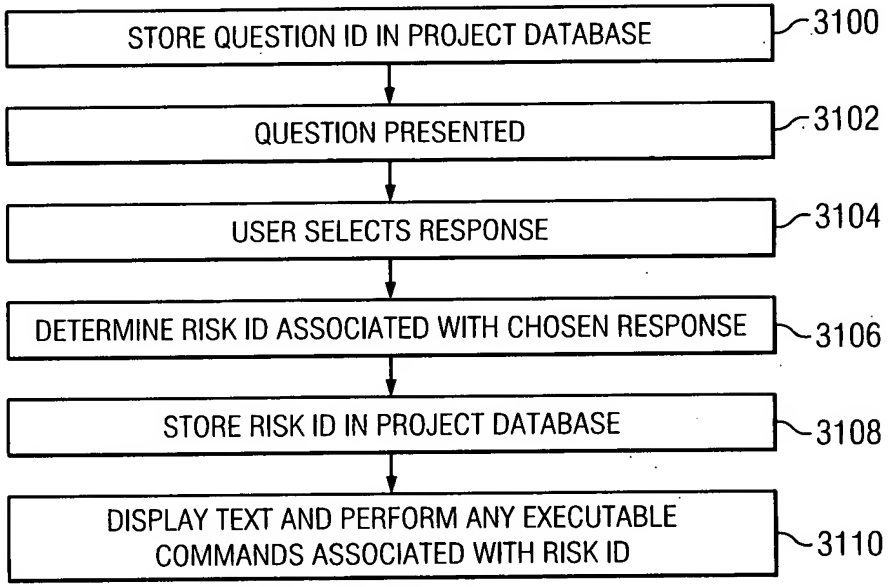

STORE QUESTION ID IN PROJECT DATABASE
3100
QUESTION PRESENTED
3102
USER SELECTS RESPONSE
3104
DETERMINE RISK ID ASSOCIATED WITH CHOSEN RESPONSE
3106
STORE RISK ID IN PROJECT DATABASE
3108
DISPLAY TEXT AND PERFORM ANY EXECUTABLE COMMANDS ASSOCIATED WITH RISK ID
3110

FIG. 31